THE OXFORD-DUDEN
Pictorial English Dictionary

Over 28,000 illustrations
THE OXFORD-DUDEN PICTORIAL ENGLISH DICTIONARY

OXFORD UNIVERSITY PRESS
Foreword

This pictorial dictionary is based on the Oxford—Duden Pictorial German—English Dictionary published in 1980. It was produced by the German Section of the Oxford University Press Dictionary Department in cooperation with the Dudenredaktion of the Bibliographisches Institut, Mannheim, and with the assistance of various British companies, institutions, and specialists. Numerous modifications of the text and illustrations of the original work have been carried out, especially regarding the depiction of everyday objects and situations, in order to allow greater scope for the treatment of these objects and situations in the context of English-speaking countries.

There are certain kinds of information which can be conveyed more readily and clearly by pictures than by definitions and explanations alone: an illustration will help the reader to visualize the object denoted by the word and to form an impression of the way in which objects function in their own technical field or in the everyday life of English-speaking countries. The layout of the illustrations and the text will be particularly useful to the learner. Each double page of the dictionary contains a list of the vocabulary of a subject together with a picture illustrating this vocabulary. This arrangement, and the presence of an alphabetical index, allows the book to be used in two ways: either as a key to the vocabulary of a subject or as an alphabetical dictionary in which the reader is referred to the section or sections in which the word is illustrated.

Oxford, 1981

J.P.

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<td>e.</td>
<td>castrated (animal)</td>
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<td>coll.</td>
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<td>f.</td>
<td>female (animal)</td>
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<td>form.</td>
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<td>joc.</td>
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<td>poet.</td>
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<td>sg.</td>
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<td>sim.</td>
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<td>y.</td>
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  9 filter
  10 film
  11 film-ring dosimeter
  12 filter
  13 film
  14 cover with filter
  15 pocket meter (pen meter, pocket chamber)
  16 window
  17 ionization chamber (ion chamber)
  18 clip (pen clip)
  19 Geiger counter (Geiger-Müller counter)
  20 counter tube casing
  21 counter tube
  22 instrument housing
  23 measurement range selector
  24 Wilson cloud chamber (Wilson chamber)
  25 compression plate
  26 cloud chamber photograph
  27 cloud chamber track of an alpha particle
  28 telecobalt unit (coll. cobalt bomb)
  29 pillar stand
  30 support cables
  31 radiation shield (radiation shielding)
  32 sliding shield
  33 bladed diaphragm
  34 light-beam positioning device
  35 pendulum device (pendulum)
  36 irradiation table
  37 rail (track)
  38 manipulator with sphere unit
  (manipulator)
  39 handle
  40 safety catch (locking lever)
  41 wrist joint
  42 master arm
  43 clamping device (clamp)
  44 tongs
  45 slotted board
  46 radiation shield (protective shield, protective shielding), a lead shielding wall [section]
  47 grasping arm of a pair of manipulators (of a master/slave manipulator)
  48 dust shield
  49 cyclotron
  50 danger zone
  51 magnet
  52 pumps for emptying the vacuum chamber
3 Astronomy I

1-35 star map of the northern sky
(northern hemisphere)
1-8 divisions of the sky
1 celestial pole with the Pole Star
(Polaris, the North Star)
2 ecliptic (apparent annual path of the sun)
3 celestial equator (equinoctial line)
4 tropic of Cancer
5 circle enclosing circumpolar stars
6-7 equinoctial points (equinoxes)
6 vernal equinoctial point (first point of Aries)
7 autumnal equinoctial point
8 summer solstice (solstice)
9-48 constellations (grouping of fixed stars into figures) and names of stars
9 Aquila (the Eagle) with Altair, the principal star (the brightest star)
10 Pegasus (the Winged Horse)
11 Cetus (the Whale) with Mira, a variable star
12 Eridanus (the Celestial River)
13 Orion (the Hunter) with Rigel, Betelgeuse and Bellatrix
14 Canis Major (the Great Dog, the Greater Dog) with Sirius (the Dog Star), a star of the first magnitude
15 Canis Minor (the Little Dog, the Lesser Dog) with Procyon
16 Hydra (the Water Snake, the Sea Serpent)
17 Leo (the Lion)
18 Virgo (the Virgin) with Spica
19 Libra (the Balance, the Scales)
20 Serpens (the Serpent)
21 Hercules
22 Lyra (the Lyre) with Vega
23 Cygnus (the Swan, the Northern Cross) with Deneb
24 Andromeda
25 Taurus (the Bull) with Aldebaran
26 The Pleiades (Pleiads, the Seven Sisters), an open cluster of stars
27 Auriga (the Wagoner, the Charioteer) with Capella

28 Gemini (the Twins) with Castor and Pollux
29 Ursa Major (the Great Bear, the Greater Bear, the Plough, Charles's Wain, Am. the Big Dipper) with the double star (binary star) Mizar and Alcor
30 Boötes (the Herdsman)
31 Corona Borealis (the Northern Crown)
32 Draco (the Dragon)
33 Cassiopeia
34 Ursa Minor (the Little Bear, Lesser Bear, Am. Little Dipper) with the Pole Star (Polaris, the North Star)
35 the Milky Way (the Galaxy)
36-48 the southern sky
36 Capricorn (the Goat, the Sea Goat)
37 Sagittarius (the Archer)
38 Scorpio (the Scorpion)
39 Centaurus (the Centaur)
40 Triangulum Australis (the Southern Triangle)
41 Pavlo (the Peacock)
42 Grus (the Crane)
43 Octans (the Octant)
44 Crux (the Southern Cross, the Cross)
45 Argo (the Celestial Ship)
46 Carina (the Keel)
47 Pictor (the Painter)
48 Reticulum (the Net)
1-9 the moon
1 moon's path (moon's orbit round the earth)
2-7 lunar phases (moon's phases, lunation)
2 new moon
3 crescent (crescent moon, waxing moon)
4 half-moon (first quarter)
5 full moon
6 half-moon (last quarter, third quarter)
7 crescent (crescent moon, waning moon)
8 the earth (terrestrial globe)
9 direction of the sun's rays
10-21 apparent path of the sun at the beginning of the seasons
10 celestial axis
11 zenith
12 horizontal plane
13 nadir
14 east point
15 west point
16 north point
17 south point
18 apparent path of the sun on 21 December
19 apparent path of the sun on 21 March and 23 September
20 apparent path of the sun on 21 June
21-28 rotary motions of the earth's axis
22 axis of the ecliptic
23 celestial sphere
24 path of the celestial pole (precession and nutation)
25 instantaneous axis of rotation
26 celestial pole
27 mean axis of rotation
28 pole of
29-35 solar and lunar eclipse [not to scale]
29 the sun
30 the earth
31 the moon
32 solar eclipse
33 area of the earth in which the eclipse appears total
34-35 lunar eclipse
34 penumbra (partial shadow)
35 umbra (total shadow)
36-41 the sun
36 solar disc (disk) (solar globe, solar sphere)
37 sunspots
38 cyclones in the area of sunspots
39 corona (solar corona), observable during total solar eclipse or by means of special instruments
40 prominences (solar prominences)
41 moon's limb during a total solar eclipse
42-52 planets (planetary system, solar system) [not to scale] and planet symbols
42 the sun
43 Mercury
44 Venus
45 Earth, with the moon, a satellite
46 Mars, with two moons (satellites)
47 asteroids (minor planets)
48 Jupiter, with 14 moons (satellites)
49 Saturn, with 10 moons (satellites)
50 Uranus, with five moons (satellites)
51 Neptune, with two moons (satellites)
52 Pluto
53-64 signs of the zodiac (zodiacal signs)
53 Aries (the Ram)
54 Taurus (the Bull)
55 Gemini (the Twins)
56 Cancer (the Crab)
57 Leo (the Lion)
58 Virgo (the Virgin)
59 Libra (the Balance, the Scales)
60 Scorpio (the Scorpion)
61 Sagittarius (the Archer)
62 Capricorn (the Goat, the Sea Goat)
63 Aquarius (the Water Carrier, the Water Bearer)
64 Pisces (the Fish)
1-16 the European Southern Observatory (ESO) on Cerro la Silla, Chile, an observatory
[section]
1 primary mirror (main mirror) with a diameter of 3.6m (144 inches)
2 prime focus cage with mounting for secondary mirrors
3 flat mirror for the coude ray path
4 Cassegrain cage
5 grating spectograph
6 spectrographic camera
7 hour axis drive
8 hour axis
9 horseshoe mounting
10 hydrostatic bearing
11 primary and secondary focusing devices
12 observatory dome (revolving dome)
13 observation opening
14 vertically movable dome shutter
15 wind screen
16 siderostat
17-28 the Stuttgart Planetarium
[section]
17 administration, workshop, and store area
18 steel scaffold
19 glass pyramid
20 revolving arched ladder
21 projection dome
22 light stop
23 planetarium projector
24 well
25 foyer
26 theatre (Am. theater)
27 projection booth
28 foundation pile
29-33 the Kitt Peak solar observatory near Tucson, Ariz.
[section]
29 heliostat
30 sunken observation shaft
31 water-cooled windshied
32 concave mirror
33 observation room housing the spectograph
1 Apollo spacecraft
2 service module (SM)
3 nozzle of the main rocket engine
4 directional antenna
5 manoeuvring (Man. manoeuvring) rockets
6 oxygen and hydrogen tanks for the spacecraft's energy system
7 fuel tank
8 radiators of the spacecraft's energy system
9 command module (Apollo space capsule)
10 entry hatch of the space capsule
11 astronaut
12 lunar module (LM)
13 moon's surface (lunar surface), a dust-covered surface
14 lunar dust
15 piece of rock
16 meteorite crater
17 the earth
18-27 space suit (extra-vehicular suit)
18 emergency oxygen apparatus
19 sunglasses pocket (with sunglasses for use on board)
20 life support system (life support pack), a backpack unit
21 access flap
22 space suit helmet with sun filters
23 control box of the life support pack
24 penlight pocket
25 access flap for the purge valve
26 tube and cable connections for the radio, ventilation and watercooling systems
27 pocket for pens, tools, etc.
28-36 descent stage
29 connector
30 fuel tank
31 engine
32 mechanism for unfolding the legs
33 main shock absorber
34 landing pad
35 ingress egress platform (hatch platform)
36 ladder to platform and hatch
37-47 ascent stage
38 fuel tank
39 ingress egress hatch (entry/exit hatch)
40 LM manoeuvring (Maneuvring) rockets
41 window
42 crew compartment
43 rendezvous radar antenna
44 inertial measurement unit
45 directional antenna for ground control
46 upper hatch (docking hatch)
47 docking target recess
1-19 clouds and weather
1-4 clouds found in homogeneous air masses
1 cumulus (woolpack cloud, cumulus humilis, fair-weather cumulus), a heap cloud (flat-based heap cloud)
2 cumulus congestus, a heap cloud with more marked vertical development
3 stratus, a layer cloud (sheet cloud) arranged in heavy masses
4 stratus (high fog), a thick, uniform layer cloud (sheet cloud)
5-12 clouds found at warm fronts
5 warm front
6 cirrus, a high to very high ice-crystal cloud, thin and assuming a wide variety of forms
7 cirrostratus, an ice-crystal cloud veil
8 altostratus, a layer cloud (sheet cloud) of medium height
9 stratocumulus, a layer cloud (sheet cloud) with precipitation in its upper parts
10 nimbostratus, a rain cloud, a layer cloud (sheet cloud) of very large vertical extent which produces precipitation (rain or snow)
11 fractostratus, a ragged cloud occurring beneath nimbostratus
12 fractocumulus, a ragged cloud like 11 but with billowing shapes
13-17 clouds at cold fronts
13 cold front
14 cirrocumulus, thin fleecy cloud in the form of globular masses; covering the sky: mackerel sky
15 altocumulus, a cloud in the form of large globular masses
16 altocumulus castellanus and altocumulus floccus, species of 15
17 cumulonimbus, a heap cloud of very large vertical extent, to be classified under 1-4 in the case of tropical storms

black arrow = cold air  white arrow = warm air
9 Meteorology II and Climatology

1-39 weather chart (weather map, surface chart, surface synoptic chart)
1 isobar (line of equal or constant atmospheric or barometric pressure at sea level)
2 isobar (isobar of over 1,000 mb)
3 isobar (isobar of under 1,000 mb)
4 atmospheric (barometric pressure given in millibars)
5 low-pressure area (low, cyclone, depression)
6 high-pressure area (high, anticyclone)
7 observatory (meteorological watch office, weather station) or ocean station vessel (weather ship)
8 temperature
9-19 means of representing wind direction (wind-direction symbols)
9 wind-direction shaft (wind arrow)
10 wind-speed barb (wind-speed feather) indicating wind speed
11 calm
12 1–2 knots (1 knot = 1.852 kph)
13 3–7 knots
14 8–12 knots
15 13–17 knots
16 18–22 knots
17 23–27 knots
18 28–32 knots
19 33–38 knots
20 39–42 knots
21 43–47 knots
22 48–52 knots
23 53–56 knots
24 57–60 knots
25–29 fronts and air currents
25 occlusion (occluded front)
26 warm front
27 cold front
28 warm airstream (warm current)
29 cold airstream (cold current)
30–39 meteorological phenomena
30 precipitation area
31 fog
32 rain
33 drizzle
34 snow
35 ice pellets (graupel, soft hail)
36 hail
37 shower
38 thunderstorm
39 lightning
40–58 climatic map
40 isotherm (line connecting points having equal mean temperature)
41 0 °C (zero) isotherm (line connecting points having a mean annual temperature of 0 °C)
42 isochron (line connecting points having equal mean winter temperature)
43 isohyete (line connecting points having equal mean summer temperature)
44 isohel (line connecting points having equal duration of sunshine)
45 isochyete (line connecting points having equal amounts of precipitation)
46–52 atmospheric circulation (wind systems)
46–47 calm belts
46 equatorial trough (equatorial calms, doldrums)
47 subtropical high-pressure belts (horse latitudes)
48 north-east trade winds (north-east trades, tropical easterlies)
49 south-east trade winds (south-east trades, tropical easterlies)
50 zones of the variable westerlies
51 polar wind zones
52 summer monsoon
53–58 earth’s climates
53 equatorial climate: tropical zone (tropical rain zone)
54 the two arctic zones (equatorial dry zones): desert and steppe zones
55 the two temperate rain zones
56 boreal climate (snow forest climate)
57–58 polar climates
57 tundra climate
58 perpetual frost climate
1 mercury barometer, a siphon barometer, a liquid-column barometer
2 mercury column
3 millibar scale (millimetre, Am. millimeter, scale)
4 barograph, a self-registering aneroid barometer
5 drum (recording drum)
6 bank of aneroid capsules (aneroid boxes)
7 recording arm
8 hygrometer
9 hygrometer element (hair element)
10 reading adjustment
11 amplitude adjustment
12 recording arm
13 recording pen
14 change gears for the clockwork drive
15 off switch for the recording arm
16 drum (recording drum)
17 time scale
18 case (housing)
19 thermograph
20 drum (recording drum)
21 recording arm
22 sensing element
23 silver-disk (silver-disk) pyrheliometer, an instrument for measuring the sun’s radiant energy
24 silver disc (disk)
25 thermometer
26 wooden insulating casing
27 tube with diaphragm (diaphragmed tube)
28 wind gauge (Am. gage) (anemometer)
29 wind-speed indicator (wind-speed meter)
30 cross arms with hemispherical cups
31 wind-direction indicator
32 wind vane
33 aspiration psychrometer
34 dry bulb thermometer
35 wet bulb thermometer
36 solar radiation shield
37 suction tube
38 recording rain gauge (Am. gage)
39 protective housing (protective casing)
40 collecting vessel
41 rain cover
42 recording mechanism
43 siphon tube
44 precipitation gauge (Am. gage) (rain gauge)
45 collecting vessel
46 storage vessel
47 measuring glass
48 insert for measuring snowfall
49 thermometer screen (thermometer shelter)
50 hygograph
51 thermograph
52 psychrometer (wet and dry bulb thermometer)
53–54 thermometers for measuring extremes of temperature
53 maximum thermometer
54 minimum thermometer
55 radiosonde assembly
56 hydrogen balloon
57 parachute
58 radar reflector with spacing lines
59 instrument housing with radiosonde (a short-wave transmitter) and antenna
60 transmissometer, an instrument for measuring visibility
61 recording instrument (recorder)
62 transmitter
63 receiver
64 weather satellite (ITOS satellite)
65 temperature regulation flaps
66 solar panel
67 television camera
68 antenna
69 solar sensor (sun sensor)
70 telemeter antenna
71 radiometer
1-5 layered structure of the earth
1 earth’s crust (outer crust of the earth, lithosphere, oxysphere)
2 hydrosphere
3 mantle
4 sima (intermediate layer)
5 core (earth core, centrosphere, barysphere)
6-12 hypsographic curve of the earth’s surface
6 peak
7 continental mass
8 continental shelf (continental platform, shelf)
9 continental slope
10 deep-sea floor (abyssal plane)
11 sea level
12 deep-sea trench
13-28 volcanism (vulcanicity)
13 shield volcano
14 lava plateau
15 active volcano, a stratovolcano (composite volcano)
16 volcanic crater (crater)
17 volcanic vent
18 lava stream
19 tuff (fragmented volcanic material)
20 subterranean volcano
21 geyser
22 jet of hot water and steam
23 sinter terraces (siliceous sinter terraces, fiorite terraces, pearl sinter terraces)
24 cone
25 maar (extinct volcano)
26 tuff deposit
27 breccia
28 vent of extinct volcano
29-31 plutonic magmatism
29 batholithic (massive protrusion)
30 lacolith, an intrusion
31 sill, an ore deposit
32-38 earthquake (kinds: tectonic quake, volcanic quake) and seismology
32 earthquake focus (seismic focus, hypocentre, Am. hypocenter)
33 epicentre (Am. epicenter), point on the earth’s surface directly above the focus
34 depth of focus
35 shock wave
36 surface waves (seismic waves)
37 isoseismal (line connecting points of equal intensity of earthquake shock)
38 epicentral area (area of macroseismic vibration)
39 horizontal seismograph (seismometer)
40 electromagnetic damper
41 adjustment knob for the period of free oscillation of the pendulum
42 spring attachment for the suspension of the pendulum
43 mass
44 induction coils for recording the voltage of the galvanometer
45-54 effects of earthquakes
45 waterfall (cataclysm, falls)
46 landslide (rockslide, landslide, Am. rock slip)
47 talus (rubble, scree)
48 scar (scarp, scaw)
49 sink (sinkhole, swallowhole)
50 dislocation (displacement)
51 solifluction lobe (solifluction tongue)
52 fissure
53 tsunami (seismic sea wave) produced by seaqueake (submarine earthquake)
54 raised beach
1 fluvial topography
1 river mouth, a delta
2 distributary (distributary channel), a river branch (river arm)
3 lake
4 bank
5 peninsula (spit)
6 island
7 bay (cove)
8 stream (brook, rivulet, creek)
9 levee
10 alluvial plain
11 meander (river bend)
12 meander core (rock island)
13 meadow
14-24 bog (marsh)
15 low-moor bog
16 layers of decayed vegetable matter
17 entrapped water
18 fen peat [consisting of rush and sedge]
19 alder-swamp peat
20 high-moor bog
21 layer of recent sphagnum mosses
22 boundary between layers (horizons)
23 layer of older sphagnum mosses
24 bog pool
25 swamp
25-31 cliffline (cliffs)
25 rock
26 sea (ocean)
27 surf
28 cliff (cliff face, steep rock face)
29 scree
30 [wave-cut] notch
31 abrasion platform (wave-cut platform)
32 atoll (ring-shaped coral reef), a coral reef
33 lagoon
34 scrape (hole)
35-44 beach
35 high-water line (high-water mark, tidemark)
36 waves breaking on the shore
37 groyne (Am. groin)
38 groyne (Am. groin) head
39 wandering dune (migratory dune, travelling, Am. traveling dune), a dune
40 barchan (barchane, barchan, crescentic dune)
41 ripple marks
42 hummock
43 wind criple
44 coastal lake
45 canyon (cañon, coulee)
46 plateau (tableland)
47 rock terrace
48 sedimentary rock (stratified rock)
49 river terrace (bed)
50 joint
51 canyon river
52-56 types of valley [cross section]
52 gorge (ravine)
53 V-shaped valley (V-valley)
54 widened V-shaped valley
55 U-shaped valley (U-valley, trough valley)
56 synclinal valley
57-70 river valley
57 scarp (escarpment)
58 slip-off slope
59 mesa
60 ridge
61 river
62 flood plain
63 river terrace
64 terracette
65 pediment
66 hill
67 valley floor (valley bottom)
68 riverbed
69 sediment
70 bedrock
71-83 karst formation in limestone
71 dolina, a sink (sinkhole, swallowhole)
72 polje
73 percolation of a river
74 karst spring
75 dry valley
76 system of caverns (system of caves)
77 water level (water table) in a karst formation
78 impervious rock (impermeable rock)
79 limestone cave (dripstone cave)
80-81 speleothems (cave formations)
80 stalactite (dripstone)
81 stalagmite
82 linked-up stalagmite and stalactite
83 subterranean river
1-54 the human body
1-18 head
  1 vertex (crown of the head, top of the head)
  2 occiput (back of the head)
  3 hair
4-17 face
  4-5 forehead
  4 frontal eminence (frontal protuberance)
5 superciliary arch
6 temple
7 eye
8 zygomatic bone (malar bone, zygoma, cheekbone)
9 cheek
10 nose
11 nasolabial fold
12 philtrum
13 mouth
14 angle of the mouth (labial commissure)
15 chin
16 dimple (fossa) in the chin
17 jaw
18 ear
19-21 neck
19 throat
20 hollow of the throat
21 nape of the neck
22-41 trunk
22-25 back
22 shoulder
23 shoulderblade (scapula)
24 loins
25 small of the back
26 armpit
27 armpit hair
28-30 thorax (chest)
28-29 breasts (breast, mamma)
28 nipple
29 areola
30 bosom
31 waist
32 flank (side)
33 hip
34 navel
35-37 abdomen (stomach)
35 upper abdomen
36 abdomen
37 lower abdomen
38 groin
39 pudenda (vulva)
1-29 skeleton (bones)
1 skull
2-5 vertebral column (spinal column, spine, backbone)
2 cervical vertebra
3 dorsal vertebra (thoracic vertebra)
4 lumbar vertebra
5 coccyx (coccygeal vertebra)
6-7 shoulder girdle
6 collarbone (clavicle)
7 shoulderblade (scapula)
8-11 thorax (chest)
8 breastbone (sternum)
9 true ribs
10 false ribs
11 costal cartilage
12-14 arm
12 humerus
13 radius
14 ulna
15-17 hand
15 carpus
16 metacarpal bone (metacarpal)
17 phalanx (phalange)
18-21 pelvis
18 ilium (hip bone)
19 ischium
20 pubis
21 sacrum
22-25 leg
22 femur (thigh bone, thigh)
23 patella (kneecap)
24 fibula (split bone)
25 tibia (shinbone)
26-29 foot
26 tarsal bones (tarsus)
27 calcaneum (heelbone)
28 metatarsus
29 phalanges
30-41 skull
30 frontal bone
31 left parietal bone
32 occipital bone
33 temporal bone
34 external auditory canal
35 lower jawbone (lower jaw, mandible)
36 upper jawbone (upper jaw, maxilla)
37 zygomatic bone (cheekbone)
38 sphenoid bone (sphenoid)
39 ethmoid bone (ethmoid)
40 lacrimal (lacrimal) bone
41 nasal bone
42-55 head [section]
42 cerebrum (great brain)
43 pituitary gland (pituitary body, hypophysis cerebri)
44 corpus callosum
45 cerebellum (little brain)
46 pons (pons cerebri, pons cerebelli)
47 medulla oblongata (brain-stem)
48 spinal cord
49 oesophagus (oesophagus, gullet)
50 trachea (windpipe)
51 epiglottis
52 tongue
53 nasal cavity
54 sphenoidal sinus
55 frontal sinus
56-65 organ of equilibrium and hearing
56-58 external ear
56 auricle
57 ear lobe
58 external auditory canal
59-61 middle ear
59 tympanic membrane
60 tympanic cavity
61 auditory ossicles: hammer, anvil, and stirrup (malleus, incus, and stapes)
62-64 inner ear (internal ear)
62 labyrinth
63 cochlea
64 auditory nerve
65 eustachian tube
1-57 internal organs [front view]
1 thyroid gland
2-3 larynx
2 hyoid bone (hyoid)
3 thyroid cartilage
4 trachea (windpipe)
5 bronchus
6-7 lung
6 right lung
7 upper pulmonary lobe (upper lobe of the lung) [section]
8 heart
9 diaphragm
10 liver
11 gall bladder
12 spleen
13 stomach
14-22 intestines (bowel)
14-16 small intestine (intestinum tenue)
14 duodenum
15 jejunum
16 ileum
17-22 large intestine (intestinum cecum)
17 caecum (cecum)
18 appendix (vermiform appendix)
19 ascending colon
20 transverse colon
21 descending colon
22 rectum
23 oesophagus (esophagus, gullet)
24-25 heart
24 auricle
25 anterior longitudinal cardiac sulcus
26 diaphragm
27 spleen
28 right kidney
29 suprarenal gland
30-31 left kidney [longitudinal section]
30 calyx (renal calyx)
31 renal pelvis
32 ureter
33 bladder
34-35 liver (from behind)
34 falciform ligament of the liver
35 lobe of the liver
36 gall bladder
37-38 common bile duct
37 hepatic duct (common hepatic duct)
38 cystic duct
39 portal vein (hepatic portal vein)
40 oesophagus (esophagus, gullet)
41-42 stomach
41 cardiac orifice
42 pylorus
43 duodenum
44 pancreas

45-57 heart (longitudinal section)
45 atrium
46-47 valves of the heart
46 tricuspid valve (right atrioventricular valve)
47 bicuspid valve (mitral valve, left atrioventricular valve)
48 cusp
49 aortic valve
50 pulmonary valve
51 ventricle
52 ventricular septum (interventricular septum)
53 superior vena cava
54 aorta
55 pulmonary artery
56 pulmonary vein
57 inferior vena cava
58 pericardium
59 sacrum
60 coccyx (coccygeal vertebra)
61 rectum
62 anus
63 anal sphincter
64 perineum
65 pubic symphysis (symphysis pubis)
66-77 male sex organs [longitudinal section]
66 penis
67 corpus cavernosum and spermatic cord of the penis (erectile tissue of the penis)
68 urethra
69 glans penis
70 prepuce (foreskin)
71 scrotum
72 right testicle (testis)
73 epididymis
74 spermatic duct (vas deferens)
75 Cowper's gland (bulbourethral gland)
76 prostate (prostate gland)
77 seminal vesicle
78 bladder
79-88 female sex organs [longitudinal section]
79 uterus (matrix, womb)
80 cavity of the uterus
81 fallopian tube (uterine tube, oviduct)
82 fimbriae (fimbriated extremity)
83 ovary
84 follicle with ovum (egg)
85 os uteri externum
86 vagina
87 lip of the pudendum (lip of the vulva)
88 clitoris
First Aid

1-13 emergency bandages
1 arm bandage
2 triangular cloth used as a sling (an arm sling)
3 head bandage (capeline)
4 first aid kit
5 first aid dressing
6 sterile gauze dressing
7 adhesive plaster (sticking plaster)
8 wound
9 bandage
10 emergency splint for a broken limb (fractured limb)
11 fractured leg (broken leg)
12 splint
13 headrest
14-17 measures for stanching the blood flow (tying up of ligature of a blood vessel)
14 pressure points of the arteries
15 emergency tourniquet on the thigh
16 walking stick used as a screw
17 compression bandage
18-23 rescue and transport of an injured person
18 Rautek grip (for rescue of victim of a car accident)
19 helper
20 injured person (casualty)
21 chair grip
22 carrying grip
23 emergency stretcher of sticks and a jacket
24-27 the positioning of an unconscious person and artificial respiration (resuscitation)
24 coma position
25 unconscious person
26 mouth-to-mouth resuscitation (variation: mouth-to-nose resuscitation)
27 resuscitator (respiratory apparatus, resuscitation apparatus), a respirator (artificial breathing device)
28-33 methods of rescue in ice accidents
28 person who has fallen through the ice
29 rescuer
30 rope
31 table (or similar device)
32 ladder
33 self-rescue
34-38 rescue of a drowning person
34 method of release (release grip, release) to free rescuer from the clutch of a drowning person
35 drowning person
36 lifesaver
37 chest grip, a towing grip
38 tired swimmer grip (hip grip)
| 1-74 general practice (Am. physician's office) | 19 [doctor's] assistant |
| 1 waiting room | 20 prescription |
| 2 patient | 21 telephone index |
| 3 patients with appointments (for a routine checkup or renewal of prescription) | 22 medical dictionary |
| 4 magazines [for waiting patients] | 23 pharmacopoeia (list of registered medicines) |
| 5 reception | 24 franking machine (Am. postage meter) |
| 6 patients file | 25 stapler |
| 7 eliminated index cards | 26 diabetics file |
| 8 medical record (medical card) | 27 dictating machine |
| 9 health insurance certificate | 28 paper punch |
| 10 advertising calendar (publicity calendar) | 29 doctor's stamp |
| 11 appointments book | 30 ink pad |
| 12 correspondence file | 31 pencil holder |
| 13 automatic telephone answering and recording set (telephone answering device) | 32-74 surgery |
| 14 radiophone | 33 chart of eyegrounds |
| 15 microphone | 34 doctor's bag (doctor's case) |
| 16 illustrated chart | 35 intercom |
| 17 wall calendar | 36 medicine cupboard |
| 18 telephone | 37 swab dispenser |
| | 38 inflator (Politzer bag) |
| | 39 electrotome |
| | 40 steam sterilizer |
| 41 medicine samples | 42 eye protractor (Am. gage) |
| 43 examination table | 44 ophthalmoscope |
| 45 instrument table | 46 surgical instruments |
| 47 tube of ointment | 48-50 instruments for minor surgery |
| 48 mouth gag | 48 medicine samples |
| 49 Kocher's forceps | 49 baby scales |
| 50 scoop (churette) | 50 examination table |
| 51 angled scissors | 51 instrument table |
| 52 forceps | 52 instrument table |
| 53 olive-pointed (bulb-ended) probe | 54 ophthalmoscope |
| 54 syringe for irrigations of the ear or bladder | 55 surgical suture material |
| 55 adhesive plaster (sticking plaster) | 56 curved surgical needle |
| 56 surgical suture material | 57 sterile gauze |
| 57 curved surgical needle | 58 needle holder |
| 58 sterile gauze | 59 spray for disinfecting the skin |
| 59 needle holder | 60 spray for disinfecting the skin |
1. consulting room
2. general practitioner
3. instruments for gynecological and proctological examinations
4. warming the instruments up to body temperature
5. colposcope
6. binocular eyepiece
7. miniature camera
8. cold light source
9. cable release
10. bracket for the leg support
11. leg support (leg holder)
12. holding forceps (sponge holder)
13. vaginal speculum
14. lower blade of the vaginal speculum
15. platinum loop (for smears)
16. rectoscope
17. biopsy forceps used with the rectoscope (proctoscope)
18. insufflator for proctoscopy (rectoscopy)
19. proctoscope (rectal speculum)
20. urethroscope
21. guide for inserting the proctoscope
22. diathermy unit (short-wave therapy apparatus)
23. radiator
24. inhaling apparatus (inhalator)
25. basin (for spatum)
26. 31. ergometry
26. bicycle ergometer
27. monitor (visual display of the ECG and of pulse and respiratory rates when performing work)
28. ECG (electrocardiograph)
29. suction electrodes
30. strap-on electrodes for the limbs
31. spirometer (for measuring respiratory functions)
32. measuring the blood pressure
33. sphygmomanometer
34. inflatable cuff
35. stethoscope
36. microwave treatment unit
37. faradization unit (application of low-frequency currents with different pulse shapes)
38. automatic tuner
39. short-wave therapy apparatus
40. timer
41-59 laboratory
41. medical laboratory technician
42. capillary tube stand for blood sedimentation
43. measuring cylinder
44. automatic pipette
45. kidney dish
46. portable ECG machine for emergency use
47. automatic pipetting device
48. constant temperature water bath
49. tap with water jet pump
50. staining dish (for staining blood smears, sediments and other smears)
51. binocular research microscope
52. pipette stand for photometry
53. computer and analyser for photometry
54. photometer
55. potentiometric recorder
56. transforming section
57. laboratory apparatus (laboratory equipment)
58. urine sediment chart
59. centrifuge
1 dentist (dental surgeon)
2 patient
3 dentist's chair
4 dental instruments
5 instrument tray
6 drills with different handpieces
7 medicine case
8 storage unit (for dental instruments)
9 assistant's unit
10 multi-purpose syringe (for cold and warm water, spray or air)
11 suction apparatus
12 basin
13 water glass, filled automatically
14 stool
15 washbasin
16 instrument cabinet
17 drawer for drills
18 dentist's assistant
19 dentist's lamp
20 ceiling light
21 X-ray apparatus for panoramic pictures

22 X-ray generator
23 microwave treatment unit, a radiation unit
24 seal
25 denture (set of false teeth)
26 bridge (dental bridge)
27 prepared stump of the tooth
28 crown (kinds: gold crown, jacket crown)
29 porcelain tooth (porcelain pontic)
30 filling
31 post crown
32 facing
33 diaphragm
34 post
35 carborundum disc (disk)
36 grinding wheel
37 burs
38 flame-shaped finishing bur
39 fissure burs
40 diamond point
41 mouth mirror
42 mouth lamp
43 cautery
44 platinum-iridium electrode
45 tooth scalers
46 probe
47 extraction forceps
48 tooth-root elevator
49 bone chisel
50 spatula
51 mixer for filling material
52 synchronous timer
53 hypodermic syringe for injection of local anaesthetic
54 hypodermic needle
55 matrix holder
56 impression tray
57 spirit lamp
1-30 intensive care unit
1-9 control room
1 central control unit for monitoring heart rhythm (cardiac rhythm) and blood pressure
2 electrocardiogram monitor (ECG monitor)
3 recorder
4 recording paper
5 patient's card
6 indicator lights (with call buttons for each patient)
7 spatula
8 window (observation window, glass partition)
9 blind
10 bed (hospital bed)
11 stand for infusion apparatus
12 infusion bottle
13 tube for intravenous drips
14 infusion device for water-soluble medicaments
15 sphygmomanometer
16 cuff
17 inflating bulb
18 mercury manometer
19 bed monitor
20 connecting lead to the central control unit
21 electrocardiogram monitor (ECG monitor)
22 manometer for the oxygen supply
23 wall connection for oxygen treatment
24 mobile monitoring unit
25 electrode lead to the short-term pacemaker
26 electrodes for shock treatment
27 ECG recording unit
28 electrocardiogram monitor (ECG monitor)
29 control switches and knobs (controls) for adjusting the monitor
30 control buttons for the pacemaker unit
31 pacemaker (cardiac pacemaker)
32 mercury battery
33 programmed impulse generator
34 electrode exit point
35 electrode
36 implantation of the pacemaker
37 internal cardiac pacemaker (internal pacemaker, pacemaker)
38 electrode inserted through the vein
39 cardiac silhouette on the X-ray
40 pacemaker control unit
41 electrocardiograph (ECG recorder)
42 automatic impulse meter
43 ECG lead to the patient
44 monitor unit for visual monitoring of the pacemaker impulses
45 long-term ECG analyser
46 magnetic tape for recording the ECG impulses during analysis
47 ECG monitor
48 automatic analysis on paper of the ECG rhythm
49 control knob for the ECG amplitude
50 program selector switches for the ECG analysis
51 charger for the pacemaker batteries
52 battery tester
53 pressure gauge (Ani. gage) for the right cardiac catheter
54 trace monitor
55 pressure indicator
56 connecting lead to the paper recorder
57 paper recorder for pressure traces
1-54 surgical unit
1-33 operating theatre (Am.
theater)
1 anaesthesia and breathing
apparatus (respiratory machine)
2 inhalers (inhaling tubes)
3 flowmeter for nitrous oxide
4 oxygen flow meter
5 pedestal operating table
6 table pedestal
7 control device (control unit)
8 adjustable top of the operating
table
9 stand for intravenous drips
10 swivel-mounted shadow-free
operating lamp
11 individual lamp
12 handle
13 swivel arm
14 mobile fluoroscope
15 monitor of the image converter
16 monitor [back]
17 tube
18 image converter
19 C-shaped frame
20 control panel for the air-
conditioning
21 surgical suture material
22 mobile waste tray
23 containers for unsterile
(unsterilized) pads
24 anaesthesia and respiratory
apparatus
25 respirator
26 halothane container (halothane
container)
27 ventilation control knob
28 indicator with pointer for
respiratory volume
29 stand with inhalers (inhaling
tubes) and pressure gauges (Am.
gages)
30 catheter holder
31 catheter in sterile packing
32 sphygmograph
33 monitor
34-54 preparation and sterilization
room
34 dressing material
35 small sterilizer
36 carriage of the operating table
37 mobile instrument table
38 sterile cloth
39 instrument tray
40-53 surgical instruments
40 olive-pointed (bulb-headed)
probe
41 hollow probe
42 curved scissors
43 scalpel (surgical knife)
44 ligature-holding forceps
45 sequestrum forceps
46 jaw
47 drainage tube
48 surgeon's tourniquet
49 artery forceps
50 blunt hook
51 bone nippers (bone-cutting
forceps)
52 scoop (curette) for erosion
(curette)
53 obstetrical forceps
54 roll of plaster
1-35 X-ray unit
1 X-ray examination table
2 support for X-ray cassettes
3 height adjustment of the central beam for lateral views
4 compress for pyelography and cholecystography
5 instrument basin
6 X-ray apparatus for pyelograms
7 X-ray tube
8 telescopic X-ray support
9 central X-ray control unit
10 control panel (control desk)
11 radiographer (X-ray technician)
12 window to the angiography room
13 oxymeter
14 pyelogram cassettes
15 contrast medium injector
16 X-ray image intensifier
17 C-shaped frame
18 X-ray head with X-ray tube
19 image converter with converter tube
20 film camera
21 foot switch
22 mobile mounting
23 monitor
24 swivel-mounted monitor support
25 operating lamp
26 angiographic examination table
27 pillow
28 eight-channel recorder
29 recording paper
30 catheter gauge (Arm. gage) unit for catheterization of the heart
31 six-channel monitor for pressure graphs and ECG
32 slide-in units of the pressure transducer
33 paper recorder unit with developer for photographic recording
34 recording paper
35 timer
36-50 spirometry
36 spiograph for pulmonary function tests
37 breathing tube
38 mouthpiece
39 soda-lime absorber
40 recording paper
41 control knobs for gas supply
42 O2-stabilizer
43 throttle valve
44 absorber attachment
45 oxygen cylinder
46 water supply
47 tube support
48 mask
49 CO2 consumption meter
50 stool for the patient
1 collapsible cot
2 bouncing cradle
3 baby bath
4 changing top
5 baby (new-born baby)
6 mother
7 hairbrush
8 comb
9 hand towel
10 toy duck
11 changing unit
12 teething ring
13 cream jar
14 box of baby powder
15 dummy
16 ball
17 sleeping bag
18 layette box
19 feeding bottle
20 teat
21 bottle warmer
22 rubber baby pants for disposable nappies (Am. diapers)
23 vest
24 leggings

25 baby's jacket
26 hood
27 baby's cup
28 baby's plate, a stay-warm plate
29 thermometer

30 bassinet, a wicker pram
31 set of bassinet covers
32 canopy
33 baby's high chair, a folding chair
34 pram (baby-carriage[with windows])
35 folding hood
36 window
37 pushchair (Am. stroller)
38 foot-muff (Am. foot-bag)
39 play pen
40 floor of the play pen
41 building blocks (building bricks)
42 small child
43 bib
44 rattle (baby's rattle)
45 bootees
46 teddy bear
47 potty (baby's pot)
48 carrycot
49 window
50 handles
1-12 baby clothes
1 pram suit
2 hood
3 pram jacket (matinée coat)
4 pompon (bobble)
5 booties
6 sleeveless vest
7 envelope-neck vest
8 wrapover vest
9 baby's jacket
10 rubber baby pants
11 playsuit
12 two-piece suit
13-30 infants' wear
13 child's sundress, a pinafore dress
14 frilled shoulder strap
15 shirred top
16 sun hat
17 one-piece jersey suit
18 front zip
19 catsuit (playsuit)
20 motif (appliqué)
21 romper
22 playsuit (romper suit)
23 overall (sleeper and strampler)
24 dressing gown (bath robe)
25 children's shorts
26 braces (Am. suspenders)
27 children's T-shirt
28 jersey dress (knitted dress)
29 embroidery
30 children's ankle socks
31-47 school children's wear
31 raincoat (loden coat)
32 leather shorts (lederhosen)
33 staghorn button
34 braces (Am. suspenders)
35 flap
36 girl's dirndl
37 cross lacing
38 snow suit (quilted suit)
39 quilt stitching (quilting)
40 dungarees (bib and brace)
41 bib skirt (bib top pinafore)
42 lights
43 sweater (jumper)
44 pile jacket
45 leggings
46 girl's skirt
47 child's jumper
48-68 teenagers' clothes
48 girl's overblouse (overtop)
49 slacks
50 girl's skirt suit
51 jacket
52 skirt
53 knee-length socks
54 girl's coat
55 tie belt
56 girl's bag
57 woollen (Am. woollen) hat
58 girl's blouse
59 culottes
60 boy's trousers
61 boy's shirt
62 anorak
63 inset pockets
64 hood drawstring (drawstring)
65 knitted welt
66 parka coat (parka)
67 drawstring (draw cord)
68 patch pockets
1 mink jacket
2 cowl neck jumper
3 cowl collar
4 knitted overtop
5 turn-down collar
6 turn-up (turnover) sleeve
7 polo neck jumper
8 pinafore dress
9 blouse with revers collar
10 shirt-waister dress, a button-through dress
11 belt
12 winter dress
13 piping
14 cuff
15 long sleeve
16 quilted waistcoat
17 quilt stitching (quilting)
18 leather trimming
19 winter slacks
20 striped polo jumper
21 boiler suit (dungarees, bib and brace)
22 patch pocket
23 front pocket
24 bib
25 wrapover dress (wrap-around dress)
26 skirt
27 peasant-style dress
28 floral braid
29 tunic (tunic top, tunic dress)
30 ribbed cuff
31 quilted design
32 pleated skirt
33 two-piece knitted dress
34 boat neck, a neckline
35 turn-up
36 kimono sleeve
37 knitted design
38 lumber-jacket
39 cable pattern
40 shirt-blouse
41 loop fastening
42 embroidery
43 stand-up collar
44 cossack trousers
45 two-piece combination (shirt top and long skirt)
46 tie (bow)
47 decorative facing
48 cuff slit
49 side slit

50 tabard
51 inverted pleat skirt
52 godet
53 evening gown
54 pleated bell sleeve
55 party blouse
56 party skirt
57 trouser suit (slacks suit)
58 suede jacket
59 fur trimming
60 fur coat (kinds: Persian lamb, broadtail, mink, sable)
61 winter coat (cloth coat)
62 fur cuff (fur-trimmed cuff)
63 fur collar (fur-trimmed collar)
64 loden coat
65 cape
66 toggle fastenings
67 loden skirt
68 poncho-style coat
69 hood
1-15 ladies' underwear (ladies' underclothes, lingerie)
1 brassière (bra)
2 pantie-girdle
3 pantie-corselette
4 longline brassière (longline bra)
5 stretch girdle
6 suspender
7 vest
8 pantie briefs
9 ladies' knee-high stocking
10 long-legged (long leg) panties
11 long pants
12 tights (pantie-hose)
13 slip
14 waist slip
15 bikini briefs
16-21 ladies' nightwear
16 nightdress (nightgown, nightie)
17 pyjamas (Am. pajamas)
18 pyjama top
19 pyjama trousers
20 housecoat
21 vest and shorts set [for leisure wear and as nightwear]
22-29 men's underwear (men's underclothes)
22 string vest
23 string briefs
24 front panel
25 sleeveless vest
26 briefs
27 trunks
28 short-sleeved vest
29 long johns
30 braces (Am. suspenders)
31 braces clip
32-34 men's socks
32 knee-length sock
33 elasticated top
34 long sock
35-37 men's nightwear
35 dressing gown
36 pyjamas (Am. pajamas)
37 nightshirt

38-47 men's shirts
38 casual shirt
39 belt
40 cravat
41 tie
42 knot
43 dress shirt
44 frill (frill front)
45 cuff
46 cuff link
47 bow-tie
33 Men's Wear

1-67 men's fashion
1 single-breasted suit, a men's suit
2 jacket
3 suit trousers
4 waistcoat (vest)
5 lapel
6 trouser leg with crease
7 dinner dress, an evening suit
8 silk lapel
9 breast pocket
10 dress handkerchief
11 bow-tie
12 side pocket
13 tailcoat (tails), evening dress
14 coat-tail
15 white waistcoat (vest)
16 white bow-tie
17 casual suit
18 pocket flap
19 front yoke
20 denim suit
21 denim jacket
22 jeans (denims)
23 waistband
24 beach suit
25 shorts
26 short-sleeved jacket
27 tracksuit
28 tracksuit top with zip
29 tracksuit bottoms
30 cardigan
31 knitted collar
32 men's short-sleeved pullover
(men's short-sleeved sweater)
33 short-sleeved shirt
34 shirt button
35 turn-up
36 knitted shirt
37 casual shirt
38 patch pocket
39 casual jacket
40 knee-breeches
41 knee-strap
42 knee-length sock
43 leather jacket
44 bib and brace overalls
45 adjustable braces (Am: suspenders)
46 front pocket
47 trouser pocket
48 fly
49 rule pocket
50 check shirt

51 men's pullover
52 heavy pullover
53 knitted waistcoat (vest)
54 blazer
55 jacket button
56 overall
57 trenchcoat
58 coat collar
59 coat belt
60 poplin coat
61 coat pocket
62 fly front
63 ear coat
64 coat button
65 scarf
66 cloth coat
67 glove
34 Hairstyles and Beards

1-25 men's beards and hairstyles
(haircuts)
1 long hair worn loose
2 allonge periwig (full-bottomed wig), a wig, shorter and smoother: bob wig, toupee
3 curls
4 bag wig (purse wig)
5 pigtail wig
6 queue (pigtail)
7 bow (ribbon)
8 handlebars (handlebar moustache, Am. mustache)
9 centre (Am. center) parting
10 goatee (goatee beard), chin tuft
11 closely-cropped head of hair (crew cut)
12 whiskers
13 Vandyke beard (stilett beard, bodkin beard), with waxed moustache (Am. mustache)
14 side parting
15 full beard (circular beard, round beard)
16 side beard
17 shadow
18 head of curly hair
19 military moustache (Am. mustache) (English-style moustache)
20 partly bald head
21 bald patch
22 bald head
23 stubble beard (stubble, short beard bristles)
24 side whiskers (sideboards, sideburns)
25 clean shave
26 Afro look (for men and women)
27-38 ladies' hairstyles (coiffures, women's and girls' hairstyles)
27 ponytail
28 swept-back hair (swept-up hair, pinned-up hair)
29 bun (chignon)
30 plaits (bunches)
31 chaplet hairstyle (Gretchen style)
32 chaplet (coiled plaits)
33 curled hair

34 shingle (shingled hair, bobbed hair)
35 pageboy style
36 fringe (Am. bangs)
37 earphones
38 earphone (coiled plait)
1–21 ladies’ hats and caps
1 milliner making a hat
2 hood
3 block
4 decorative pieces
5 sombrero
6 mohair hat with feathers
7 model hat with fancy applique
8 linen cap (jockey cap)
9 hat made of thick candlewick yarn
10 woollen (Am. woolen) hat (knitted hat)
11 mohair hat
12 cloche with feathers
13 large men’s hat made of sisal with cording ribbon
14 tribly–style hat with fancy ribbon
15 soft felt hat
16 Panama hat with scarf
17 peaked mink cap
18 mink hat
19 fox hat with leather top
20 mink cap
21 slouch hat trimmed with flowers

22–40 men’s hats and caps
22 tribly hat (tribly)
23 loden hat (Alpine hat)
24 felt hat with tassels (Tyrolean hat, Tyrolean hat)
25 corduroy cap
26 woollen (Am. woolen) hat
27 beret
28 bowler hat
29 peaked cap (yachting cap)
30 sou’wester (southwester)
31 fox cap with earflaps
32 leather cap with fur flaps
33 musquash cap
34 astrakhan cap, a real or imitation astrakhan cap
35 boater
36 (grey, Am. gray, or black) top hat made of silk taffeta; collapsible: crush hat, opera hat, elague
37 sun hat (lightweight hat) made of cloth with small patch pocket
38 wide-brimmed hat

39 toboggan cap (skiing cap, ski cap)
40 workman’s cap
36 Jewellery (Am. Jewelry)

1 set of jewellery (Am. jewelry)  
2 necklace  
3 bracelet  
4 ring  
5 wedding rings  
6 wedding ring box  
7 brooch, a pearl brooch  
8 pearl  
9 cultured pearl bracelet  
10 clasp, a white gold clasp  
11 pendant earrings (drop earrings)  
12 cultured pearl necklace  
13 earrings  
14 gemstone pendant  
15 gemstone ring  
16 choker (collar, neckband)  
17 bangle  
18 diamond pin  
19 modern-style brooches  
20 man’s ring  
21 cuff links  
22 tiepin  
23 diamond ring with pearl  
24 modern-style diamond ring  
25 gemstone bracelet  

26 asymmetrical bangle  
27 asymmetrical ring  
28 ivory necklace  
29 ivory rose  
30 ivory brooch  
31 jewel box (jewel case)  
32 pearl necklace  
33 bracelet watch  
34 coral necklace  
35 charms  
36 coin bracelet  
37 gold coin  
38 coin setting  
39 link  
40 signet ring  
41 engraving (monogram)  
42–86 cuts and forms  

42–71 faceted stones  
42–43 standard round cut  
44 brilliant cut  
45 rose cut  
46 flat table  
47 table en cabochon  
48 standard cut  
49 standard antique cut  
50 rectangular step-cut  
51 square step-cut  
52 octagonal step-cut  
53 octagonal cross-cut  
54 standard pear-shape (pendeloque)  
55 marquise (navette)  
56 standard barrel-shape  
57 trapezium step-cut  
58 trapezium cross-cut  
59 rhombus step-cut  
60–61 triangular step-cut  
62 hexagonal step-cut  
63 oval hexagonal cross-cut  
64 round hexagonal step-cut  
65 round hexagonal cross-cut  
66 chequer-board cut  

67 triangle cut  
68–71 fancy cuts  
72–77 ring gemstones  
72 oval flat table  
73 rectangular flat table  
74 octagonal flat table  
75 barrel-shape  
76 antique table en cabochon  
77 rectangular table en cabochon  
78–81 cabochons  
78 round cabochon (simple cabochon)  
79 high dome (high cabochon)  
80 oval cabochon  
81 octagonal cabochon  
82–86 spheres and pear-shapes  
82 plain sphere  
83 plain pear-shape  
84 faceted pear-shape  
85 plain drop  
86 faceted briolette
1-29 attic
1 roof cladding (roof covering)
2 skylight
3 gangway
4 cat ladder (roof ladder)
5 chimney
6 roof hook
7 dormer window (dormer)
8 snow guard (roof guard)
9 gutter
10 rainwater pipe (downpipe, Am. downspout, leader)
11 cavo
12 pitched roof
13 trapdoor
14 hatch
15 ladder
16 stile
17 rung
18 loft (attic)
19 wooden partition
20 lumber room door (boxroom door)
21 padlock
22 hook [for washing line]
23 clothes line (washing line)
24 expansion tank for boiler
25 wooden steps and balustrade
26 string (Am. stringer)
27 step
28 handrail (guard rail)
29 baluster
30 lightning conductor (lightening rod)
31 chimney sweep (Am. chimney sweep)
32 brush with weight
33 shoulder iron
34 sack for soot
35 flue brush
36 broom (besom)
37 barmstick (broom handle)
38-81 hot-water heating system, full central heating
38-43 boiler room
38 coke-fired central heating system
39 ash box door (Am. cleanout door)
40 flueblock
41 poker
42 rake
43 coal shovel

44-60 oil-fired central heating system
44 oil tank
45 manhole
46 manhole cover
47 tank inlet
48 dome cover
49 tank bottom valve
50 fuel oil (heating oil)
51 air-bleed duct
52 air vent cup
53 oil level pipe
54 oil gauge (Am. gage)
55 suction pipe
56 return pipe
57 central heating furnace (oil heating furnace)
58-60 oil burner
58 fan
59 electric motor
60 covered pilot light
61 charging door
62 inspection window
63 water gauge (Am. gage)
64 furnace thermometer
65 bleeder
66 furnace bed
67 control panel
68 hot water tank (boiler)
69 overflow pipe (overflow)
70 safety valve
71 main distribution pipe
72 lagging
73 valve
74 flow pipe
75 regulating valve
76 radiator
77 radiator rib
78 room thermostat
79 return pipe (return)
80 return pipe [in two-pipe system]
81 smoke outlet (smoke extract)
1 bath
2 mixer tap (Am. mixing faucet) for hot and cold water
3 foam bath (bubble bath)
4 toy duck
5 bath salts
6 bath sponge (sponge)
7 bidet
8 towel rail
9 terry towel
10 toilet roll holder (Am. bathroom tissue holder)
11 toilet paper (coll. loo paper, Am. bathroom tissue), a roll of crepe paper
12 toilet (lavatory, W.C., coll. loo)
13 toilet pan (toilet bowl)
14 toilet lid with terry cover
15 toilet seat
16 cistern
17 flushing lever
18 pedestal mat
19 tile
20 ventilator (extraction vent)
21 soap dish
22 soap
23 hand towel
24 washbasin
25 overflow
26 hot and cold water tap
27 washbasin pedestal with trap (anti-syphon trap)
28 tooth glass (tooth mug)
29 electric toothbrush
30 detachable brush heads
31 mirrored bathroom cabinet
32 fluorescent lamp
33 mirror
34 drawer
35 powder box
36 mouthwash
37 electric shaver
38 aftershave lotion
39 shower cubicle
40 shower curtain
41 adjustable shower head
42 shower nozzle
43 shower adjustment rail
44 shower base
45 waste pipe (overflow)
46 bathroom mule
47 bathroom scales
48 bath mat
49 medicine cabinet
Flower Garden

1-35 flower garden
1 pergola
2 deck-chair
3 lawn rake (wire-tooth rake)
4 garden rake
5 Virginia creeper (American ivy, woodbine), a climbing plant (climber, creeper)
6 rockery (rock garden)
7 rock plants: varieties: stonecrop (wall pepper), houseleek, dryas, aubretia
8 pampas grass
9 garden hedge
10 blue spruce
11 hydrangeas
12 oak (oak tree)
13 birch (birch tree)
14 garden path
15 edging
16 garden pond
17 flagstone (stone slab)
18 water lily
19 tuberous begonias
20 dahlias
21 watering can (Am. sprinkling can)
22 weeding hoe
23 lupin
24 marguerites (oxeye daisies, white oxeye daisies)
25 standard rose
26 gerbera
27 iris
28 gladioli
29 chrysanthemums
30 poppy
31 blazing star
32 snapdragon (antirrhinum)
33 lawn
34 dandelion
35 sunflower

Allotment (fruit and vegetable garden)
1, 2, 16, 17, 29 dwarf fruit trees (espailers, espalier fruit trees)
1 quadruple cordon, a wall espalier
2 vertical cordon
3 tool shed (garden shed)
4 water butt (water barrel)
5 climbing plant (climber, creeper, rambler)
6 compost heap
7 sunflower
8 garden ladder (ladder)
9 perennial (flowering perennial)
10 garden fence (paling fence, palings)
11 oak standard (pear tree)
12 climbing rose (rambling rose) on the trellis arch
13 bush rose (standard rose tree)
14 summerhouse (garden house)
15 Chinese lantern (paper lantern)
16 pyramid (pyramidal tree, pyramid), a free-standing espalier
17 double horizontal cordon
18 flower bed, a border
19 berry bush (gooseberry bush, currant bush)
20 concrete edging
21 standard rose (standard rose tree)
22 border with perennials
23 garden path
24 allotment holder
25 asparagus patch (asparagus bed)
26 vegetable patch (vegetable plot)
27 scarecrow
28 runner bean (Am. scarlet runner), a bean plant on poles (bean poles)
29 horizontal cordon
30 standard fruit tree
31 tree stake
32 hedge
1 pelargonium (crane's bill), a geranium
2 passion flower (Passiflora), a climbing plant (climber, creeper)
3 fuchsia, an anagraceous plant
4 nasturtium (Indian cress, tropaeolum)
5 cyclamen, a primulaceous herb
6 petunia, a solanaceous herb
7 gloxinia (Sinningia), a gesneriaceous plant
8 Clivia minata, an amaryllis (narcissus)
9 African hemp (Sparmannia), a tiliacous plant, a linden plant
10 begonia
11 myrtle (common myrtle, Myrtus)
12 azalea, an ericaceous plant
13 aloe, a liliaceous plant
14 globe thistle (Echinops)
15 stapelia (carrion flower), an asclepiadaceous plant
16 Norfolk Island Pine (an araucaria, grown as an ornamental)
17 galingale, a cyperaceous plant of the sedge family

1 seed sowing (sowing)
2 seed pan
3 seed
4 label
5 prickling out (pricking off, transplanting)
6 seedling (seedling plant)
7 dibber (dibble)
8 flower pot (pot)
9 sheet of glass
10 propagation by layering
11 layer
12 layer with roots
13 forked stick used for fastening
14 propagation by runners
15 parent (parent plant)
16 runner
17 small rooted leaf cluster
18 setting in pots
19 cutting in water
20 cutting (slip, set)
21 root
22 bud cutting on vine tendril
23 scion bud, a bud
24 sprouting (shooting) cutting
25 stem cutting (hardwood cutting)
26 bud
27 propagation by bulbils (brood bud bulblets)
28 old bulb
29 bulbil (brood bud bulblet)
30-39 grafting (graftage)
30 budding (shield budding)
31 budding knife
32 T-cut
33 support (stock, rootstock)
34 inserted scion bud
35 raffia layer (bast layer)
36 side grafting
37 scion (shoot)
38 wedge-shaped notch
39 splice graft (splice grafting)
55 Market Garden (Am. Truck Garden, Truck Farm)

1-51 market garden (Am. truck garden, truck farm)
1 tool shed
2 water tower (water tank)
3 market garden (Am. truck garden, truck farm), a tree nursery
4 hothouse (forcing house, warm house)
5 glass roof
6 matting, e.g. straw matting, reed matting
7 boiler room (boiler house)
8 heating pipe (pressure pipe)
9 shading panel (shutter)
10-11 ventilators (vents)
10 ventilation window (window vent, hinged ventilator)
11 ridge vent
12 potting table (potting bench)
13 riddle (sieve, garden sieve, upright sieve)
14 garden shovel (shovel)
15 heap of earth (composted earth, prepared earth, garden mould, Am. mold)
16 hotbed (forcing bed, heated frame)
17 hotbed vent (frame vent)
18 vent prop
19 sprinkler (sprinkling device)
20 gardener (nursery gardener, grower, commercial grower)
21 cultivator (hand cultivator, grubber)
22 plank
23 pricked-out seedlings (pricked-off seedlings)
24 forced flowers (forcing)
25 potted plants (plants in pots, pot plants)
26 watering can (Am. sprinkling can)
27 handle
28 rose
29 water tank
30 water pipe
31 bale of peat
32 warm house (heated greenhouse)
33 cold house (unheated greenhouse)
34 wind pump; sim.: wind generator (aerogenerator)
35 wind wheel
36 wind vane
37 shrub bed, a flower bed
38 hoop edging
39 vegetable plot
40 plastic tunnel (polythene greenhouse)
41 ventilation flap
42 central path
43 vegetable crate
44 tomato plant
45 nursery hand
46 nursery hand
47 tub plant
48 tub
49 orange tree
50 wire basket
51 seedling box

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| 1  | dibber (dibble)            | 44 | revolving nozzle          |
| 2  | spade                      | 45 | hose connector            |
| 3  | lawn rake (wire-tooth rake)| 46 | oscillating sprinkler     |
| 4  | rake                       | 47 | wheelbarrow               |
| 5  | ridging hoe                | 48 | grass shears              |
| 6  | trowel                     | 49 | hedge shears              |
| 7  | combined hoe and fork      | 50 | secateurs (pruning shears) |
57 Vegetables (Vegetable Plants)

1-11 leguminous plants
   (Leguminosae)
   1 pea, a plant with a
      papilionaceous corolla
   2 pea flower
   3 pinnate leaf
   4 pea tendril, a leaf tendril
   5 stipule
   6 legume (pod), a seed vessel
      (pericarp, legume)
   7 pea [seed]
   8 bean plant (bean), a climbing
      plant (climber, creeper);
      varieties: broad bean (runner
      bean, *Am. scarlet runner),
      climbing bean (climber, pole
      bean), scarlet runner bean;
      smaller: dwarf French bean
      (bush bean)
   9 bean flower
   10 twining beanstalk
   11 bean [pod with seeds]
   12 tomato
   13 cucumber
   14 asparagus
   15 radish
   16 white radish
   17 carrot
   18 stump-rooted carrot
   19 parsley
   20 horse-radish
   21 leeks
   22 chives
   23 pumpkin (*Am. squaus); sim.: melon
   24 onion
   25 onion skin
   26 kohlrabi
   27 celeriac
   28-34 brassicas (leaf vegetables)
   28 chard (Swiss chard, seakale beet)
   29 spinach
   30 Brussels sprouts (sprouts)
   31 cauliflower
   32 cabbage (round cabbage, head of
      cabbage), a brassica; *cultivated
      races (cultivars): green cabbage,
      red cabbage
   33 savoy (savoy cabbage)
   34 kale (curly kale, kail), a winter
      green
   35 scorzonera (black salsify)

36-40 salad plants
   36 lettuce (cabbage lettuce, head of
      lettuce)
   37 lettuce leaf
   38 corn salad (lamb's lettuce)
   39 endive (endive leaves)
   40 chicory (succory, salad chicory)
   41 globe artichoke
   42 sweet pepper (Spanish paprika)
Drupes and Nuts

1-36 drupes (drupaceous plants)
1-18 cherry tree
1 flowering branch of the cherry tree (branch of the cherry tree in blossom)
2 cherry leaf
3 cherry flower (cherry blossom)
4 peduncle (pedicel, flower stalk)
5 cherry; varieties: sweet cherry (heart cherry), wild cherry (bird cherry), sour cherry, morello cherry (morello)
6-8 cherry (cherry fruit) [cross section]
6 flesh (pulp)
7 cherry stone
8 seed
9 flower (blossom) [cross section]
10 stamen (anther)
11 corolla (petals)
12 sepal
13 carpel (pistil)
14 ovule enclosed in perigynous ovary
15 style
16 stigma
17 leaf
18 nectary (honey gland)
19-23 plum tree
19 fruit-bearing branch
20 oval, black-skinned plum
21 plum leaf
22 bud
23 plum stone
24 greengage
25 mirabelle (transparent gage), a plum
26-32 peach tree
26 flowering branch (branch in blossom)
27 peach flower (peach blossom)
28 flower shoot
29 young leaf (sprouting leaf)
30 fruiting branch
31 peach
32 peach leaf
33-36 apricot tree
33 flowering apricot branch (apricot branch in blossom)
34 apricot flower (apricot blossom)
35 apricot
36 apricot leaf

37-51 nuts
37-43 walnut tree
37 flowering branch of the walnut tree
38 female flower
39 male inflorescence (male flowers, catkins with stamens)
40 alternate pinnate leaf
41 walnut, a drupe (stone fruit)
42 soft shell (cupule)
43 walnut, a drupe (stone fruit)
44-51 hazel tree (hazel bush), an anemophilous shrub (a wind-pollinating shrub)
44 flowering hazel branch
45 male catkin
46 female inflorescence
47 leaf bud
48 fruit-bearing branch
49 hazelnut (hazel, cobnut, cob), a drupe (stone fruit)
50 involucre (husk)
51 hazel leaf
1 snowdrop (spring snowflake)
2 garden pansy (heartsease pansy), a pansy
3 trumpet narcissus (trumpet daffodil, Lent lily), a narcissus
4 poet’s narcissus (pheasant’s eye, poet’s daffodil); sim.: polyanthus narcissus
5 bleeding heart (lyre flower), a fumariaceous flower
6 sweet william (bunch pink), a carnation
7 gillyflower (gillyflower, clove pink, clove carnation)
8 yellow flag (yellow water flag, yellow iris), an iris
9 tuberose
10 columbine (aquilegia)
11 gladiolus (sword lily)
12 Madonna lily (Annunciation lily, Lent lily), a lily
13 larkspur (delphinium), a ranunculaceous plant
14 moss pink (moss phlox), a phlox
15 garden rose (China rose)
16 rosebud, a bud
17 double rose
18 rose thorn, a thorn
19 gaillardia
20 African marigold (tagetes)
21 love-lies-bleeding, an amaranthine flower
22 zinnia
23 pompon dahlia, a dahlia
1 corn flower (bluebottle), a centaury
2 corn poppy (field poppy), a poppy
3 bud
4 poppy flower
5 seed capsule containing poppy seeds
6 corn cockle (corn campion, crown-of-the-field)
7 corn marigold (field marigold), a chrysanthemum
8 corn camomile (field camomile, camomile, chamomile)
9 shepherd's purse
10 flower
11 fruit (pouch-shaped pod)
12 common groundsel
13 dandelion
14 flower head (capitulum)
15 infructescence
16 hedge mustard, a mustard
17 stonemustard
18 wild mustard (charlock, runch)
19 flower
20 fruit, a siliqua (pod)
21 wild radish (jointed charlock)
22 flower
23 fruit (siliqua, pod)
24 common orache (common orach)
25 goosefoot
26 field bindweed (wild morning glory), a bindweed
27 scarlet pimpernel (shepherd's weatherglass, poor man's weatherglass, eye-bright)
28 wild barley (wall barley)
29 wild oat
30 common couch grass (couch, quack grass, quick grass, quitch grass, scutch grass, twitch grass, witchgrass); *sin.:* bearded couch grass, sea couch grass
31 gallant soldier
32 field eryngo (Watling Street thistle), a thistle
33 stinging nettle, a nettle

Weeds
1–41 work in the fields
1 fallow (fallow field, fallow ground)
2 boundary stone
3 boundary ridge, a balk (baulk)
4 field
5 farmworker (agricultural worker, farmhand, farm labourer, Am. laborer)
6 plough (Am. plow)
7 clod
8 furrow
9 sone
10–12 sowing
10 sower
11 seedlip
12 seed corn (seed)
13 field guard
14 chemical fertilizer (artificial fertilizer); kinds: potash fertilizer, phosphoric acid fertilizer, lime fertilizer, nitrogen fertilizer
15 cartload of manure (farmyard manure, dung)
16 oxteam (team of oxen, Am. span of oxen)
17 fields (farmland)
18 farm track (farm road)
19–30 hay harvest (haymaking)
19 rotary mower with swath (swath reaper)
20 connecting shaft (connecting rod)
21 power take-off (power take-off shaft)
22 meadow
23 swath (swathe)
24 tedder (rotary tedder)
25 tedded hay
26 rotary swather
27 trailer with pickup attachment
28 fence rack (rickstand), a drying rack for hay
29 rickstand, a drying rack for hay
30 hay tripod
31–41 grain harvest and seedbed preparation
31 combine harvester
32 cornfield
33 stubble field
34 bale of straw
35 straw bale (straw press), a high-pressure bale
36 swath (swathe) of straw (windrow of straw)
37 hydraulic bale loader
38 trailer
39 manure spreader
40 four-furrow plough (Am. plow)
41 combination seed-harrow
1 draw hoe (garden hoe)
2 hoe handle
3 three-pronged (three-tined) hay fork (fork)
4 prong (tine)
5 potato fork
6 potato hook
7 four-pronged (four-tined) manure fork (fork)
8 manure hoe
9 whetting hammer [for scythes]
10 peen (pne)
11 whetting anvil [for scythes]
12 scythe
13 scythe blade
14 cutting edge
15 heel
16 snath (snathe, snead, sneath)
17 handle
18 scythe sheath
19 whetstone (scythestone)
20 potato rake
21 potato planter
22 digging fork (fork)
23 wooden rake (rake, hayrake)
24 hoe (potato hoe)
25 potato basket, a wire basket
26 clover broadcaster

1 oscillating spray line
2 stand (steel chair)
3 portable irrigation system
4 revolving sprinkler
5 standpipe coupler
6 elbow with cardan joint (cardan coupling)
7 pipe support (trestle)
8 pump connection
9 delivery valve
10 pressure gauge (An. gage) (manometer)
11 centrifugal evacuating pump
12 basket strainer
13 channel
14 chassis of the p.t.o.-driven pump (power take-off-driven pump)
15 p.t.o.-driven (power take-off-driven) pump
16 cardan shaft
17 tractor
18 long-range irrigation unit
19 drive connection
20 turbine
21 gearing (gears)
22 adjustable support
23 centrifugal evacuating pump
24 wheel
25 pipe support
26 polyester pipe
27 sprinkler nozzle
28 quick-fitting pipe connection with cardan joint
29 M-cardan
30 clamp
31 V-cardan
32 revolving sprinkler, a field sprinkler
33 nozzle
34 breaker
35 breaker spring
36 stopper
37 counterweight
38 thread
1–47 arable crops (agricultural produce, farm produce)
1–37 varieties of grain (grain, cereals, farinaceous plants, bread–corn)
1 rye (also: corn, ‘corn’ often meaning the main cereal of a country or region; in Northern Germany: rye; in Southern Germany and Italy: wheat; in Sweden: barley; in Scotland: oats; in North America: maize; in China: rice)
2 ear of rye, a spike (head)
3 spikelet
4 ergot, a grain deformed by fungus [shown with mycelium]
5 corn stem after tillering
6 culm (stalk)
7 node of the culm
8 leaf (grain leaf)
9 leaf sheath (sheath)
10 spikelet
11 glume
12 awn (beard, aristula)
13 seed (grain, kernel, farinaceous grain)
14 embryo plant
15 seed
16 embryo
17 root
18 root hair
19 grain leaf
20 leaf blade (blade, lamina)
21 leaf sheath
22 ligule (ligula)
23 wheat
24 spelt
25 seed: unripe: green spelt, a soup vegetable
26 barley
27 oat panicle, a panicle
28 millet
29 rice
30 rice grain
31 maize (Indian corn, Am. corn); varieties: popcorn, dent corn, flint corn (flint maize, Am. Yankee corn), pod corn (Am. cow corn, husk corn), soft corn (Am. flour corn, squaw corn), sweet corn
32 female inflorescence
33 husk (shuck)
34 style
35 male inflorescence (tassel)
36 maize cob (Am. corn cob)
37 maize kernel (grain of maize)
38–45 root crops
38 potato plant (potato), a tuberous plant; varieties: round, round-oval (pear-shaped), flat-oval, long, kidney-shaped potato; according to colour: white (Am. Irish), yellow, red, purple potato
39 seed potato (seed tuber)
40 potato tuber (potato, tuber)
41 potato top (potato haulm)
42 flower
43 poisonous potato berry (potato apple)
44 sugar beet, a beet
45 root (beet)
46 beet top
47 beet leaf
1-28 fodder plants (forage plants)
for tillage
1 red clover (purple clover)
2 white clover (Dutch clover)
3 alsike clover (alsike)
4 crimson clover
5 four-leaf (four-leaved) clover
6 kidney vetch (lady's finger, lady-finger)
7 flower
8 pod
9 lucerne (lucerne, purple medick)
10 sainfoin (cock's head, cockshead)
11 bird's foot (bird-foot, bird's foot (trefol)
12 corn spurrey (spurrey, spurry), a spurrey (spurry)
13 common comfrey, one of the borage family (Boraginaceae)
14 flower (blossom)
15 field bean (broad bean, tick bean, horse bean)
16 pod
17 yellow lupin
18 common vetch
19 chick-pea
20 sunflower
21 mangold (mangelwurzel, mangoldwurzel, field mangel)
22 false oat (oat-grass)
23 spikelet
24 meadow fescue grass, a fescue
25 cock's foot (cocksfoot)
26 Italian ryegrass; sim.: perennial ryegrass (English ryegrass)
27 meadow foxtail, a paniculate grass
28 greater burnet saxifrage
1 bulldog
2 ear, a rose–ear
3 muzzle
4 nose
5 foreleg
6 forepaw
7 hind leg
8 hind paw
9 pug (pug dog)
10 boxer
11 withers
12 tail, a docked tail
13 collar
14 Great Dane
15 wire-haired fox terrier
16 bull terrier
17 Scottish terrier
18 Bedlington terrier
19 Pekinese (Pekingese, Pekinese dog, Pekingese dog)
20 spitz (Pomeranian)
21 chow (chow–chow)
22 husky

23 Afghan (Afghan hound)
24 greyhound (Am. grayhound), a courser
25 Alsatian (German sheepdog, Am. German shepherd), a police dog, watch dog, and guide dog
26 flews (chaps)
27 Dobermann terrier

28 dog brush
29 dog comb
30 lead (dog lead, leash); for
  hunting: leash
31 muzzle
32 feeding bowl (dog bowl)
33 bone
34 Newfoundland dog
35 schnauzer
36 poodle: sim. and smaller: pygmy (pigmy) poodle
37 St. Bernard (St. Bernard dog)
38 cocker spaniel
39 dachshund, a terrier
40 German pointer
41 English setter
42 trackhound
43 pointer, a trackhound
1-6 equitation (high school riding, haute école)
1 piaffe
2 walk
3 passage
4 levade (pesade)
5 capriole
6 courbette (curvet)
7-25 harness
7-13 bridle
7-11 headstall (headpiece, halter)
7 noseband
8 cheek piece (cheek strap)
9 browband (front band)
10 crownpiece
11 throatlash (throatlash)
12 curb chain
13 curb bit
14 hasp (hook) of the hames (Am. drag hook)
15 pointed collar, a collar
16 trappings (side trappings)
17 saddle-pad
18 girth
19 backband
20 shaft chain (pole chain)
21 pole
22 trace
23 second girth (emergency girth)
24 trace
25 reins (Am. lines)
26-36 breast harness
26 blinder (Am. blinder, winker)
27 breast collar ring
28 breast collar (Dutch collar)
29 fork
30 neck strap
31 saddle-pad
32 loin strap
33 reins (rein, Am. line)
34 crupper (crupper-strap)
35 trace
36 girth (belly-band)
37-49 saddles
37-44 stock saddle (Am. western saddle)
37 saddle seat
38 pommel horn (horn)
39 cantle
40 flap (Am. fender)
41 bar
42 stirrup leather

43 stirrup (stirrup iron)
44 blanket
45-49 English saddle (cavalry saddle)
45 seat
46 cantle
47 flap
48 roll (knee roll)
49 pad
50-51 spurs
50 box spur (screwed jack spur)
51 strapped jack spur
52 curb bit
53 gag bit (gag)
54 currycomb
55 horse brush (body brush, dandy brush)
74 Poultry Farming (Poultry Keeping), Egg Production

1-27 poultry farming (intensive poultry management)
1-17 straw yard (strawed yard) system
 1 fold unit for growing stock (chick unit)
 2 chick
 3 brooder (hover)
 4 adjustable feeding trough
 5 pullet fold unit
 6 drinking trough
 7 water pipe
 8 litter
 9 pullet
 10 ventilator
11-17 broiler rearing (rearing of broiler chickens)
11 chicken run (A.m. fowl run)
12 broiler chicken (broiler)
13 mechanical feeder (self-feeder, feed dispenser)
14 chain
15 feed supply pipe
16 mechanical drinking bowl (mechanical drinker)
17 ventilator
18 battery system (cage system)
19 battery (laying battery)
20 tiered cage (battery cage, stepped cage)
21 feeding trough
22 egg collection by conveyor
23-27 mechanical feeding and dunding (manure removal, droppings removal)
23 rapid feeding system for battery feeding (mechanical feeder)
24 feed hopper
25 endless-chain conveyor (chain feeder)
26 water pipe (liquid feed pipe)
27 dunding chain (dundraing conveyor)
28 [cabinet type] setting and hatching machine
29 ventilation drum (for the setting compartment)
30 hatching compartment (hatcher)
31 metal trolley for hatching trays
32 hatching tray
33 ventilation drum motor

34-53 egg production
34 egg collection system (egg collection)
35 multi-tier transport
36 collection by pivoted fingers
37 drive motor
38 sorting machine
39 conveyor trolley
40 fluorescent screen
41 suction apparatus (suction box) for transporting eggs
42 shelf for empty and full egg boxes
43 egg weigers
44 grading
45 egg box
46 fully automatic egg-packing machine
47 radioscope box
48 radioscope table
49-51 feeder
49 suction transporter
50 vacuum line
51 supply table
52 automatic counting and grading
53 packing box dispenser
54 leg ring
55 wing tally (identification tally)
56 bantam
57 laying hen
58 hen's egg (egg)
59 eggshell, an egg integument
60 shell membrane
61 air space
62 white of the egg (albumen)
63 chalaza (A.m. treadle)
64 vitelline membrane (yolk sac)
65 blastodisc (germinal disc, cock's tread, cock's treadle)
66 germinal vesicle
67 white
68 yolk
stable
2 horse stall (stall, horse box, box)
3 feeding passage
4 pony
5 bars
6 litter
7 bale of straw
8 ceiling light
9 sheep pen
10 mother sheep (ewe)
11 lamb
12 double hay rack
13 hay
14 dairy cow shed
15-16 tether
15 chain
16 rail
17 dairy cow (milch-cow, milker)
18 udder
19 teat
20 manure gutter
21 manure removal by sliding bars
22 short standing
23 milking parlour (Am. parlor), a herringbone parlour
24 working passage
25 milker (Am. milkman)
26 teat cup cluster
27 milk pipe
28 air line
29 vacuum line
30 teat cup
31 window
32 pulsator
33 release phase
34 squeeze phase
35 pigsty (Am. pigpen, hogpen)
36 pen for young pigs
37 feeding trough
38 partition
39 pig, a young pig
40 farrowing and store pen
41 sow
42 piglet (Am. shote, shote) (sow pig [for first 8 weeks])
43 farrowing rails
44 liquid manure channel
1-48 dairy (dairy plant)
1 milk reception
2 milk tanker
3 raw milk pump
4 flowmeter, an oval (elliptical)
gear meter
5 raw milk storage tank
6 gauge (Am. gage)
7 central control room
8 chart of the dairy
9 flow chart (flow diagram)
10 storage tank gauges (Am. gages)
11 control panel
12-48 milk processing area
12 sterilizer (homogenizer)
13 milk heater, sim. cream heater
14 cream separator
15 fresh milk tanks
16 tank for sterilized milk
17 skim milk (skimmed milk) tank
18 buttermilk tank
19 cream tank
20 fresh milk filling and packing plant
21 filling machine for milk cartons; sim. milk tub filler
22 milk carton
23 conveyor belt (conveyor)
24 shrink-sealing machine
25 pack of twelve in shrink foil
26 ten-litre filling machine
27 heat-sealing machine
28 plastic sheets
29 heat-sealed bag
30 crate
31 cream maturing vat
32 butter shaping and packing machine
33 butter churn, a creamery butter machine for continuous butter making
34 butter supply pipe
35 shaping machine
36 packing machine
37 branded butter in 250 g packets
38 plant for producing curd cheese (curd cheese machine)
39 curd cheese pump
40 cream supply pump
41 curds separator
42 sour milk vat
43 stirrer
44 curd cheese packing machine

45 packeted curd cheese
46 bottle-capping machine (capper)
47 cheese machine
48 rennet vat
1-21 **vineyard area**
1 vineyard using wire trellises for training vines
2-9 **vine** *(Am. grapevine)*
2 vine shoot
3 long shoot
4 vine leaf
5 bunch of grapes (cluster of grapes)
6 vine stem
7 post (stake)
8 guy (guy wire)
9 wire trellis
10 tub (for grape gathering
11 grape gatherer
12 secateurs for pruning vines
13 wine grower *(viniculturist, viticulturist)*
14 dosser carrier
15 dosser (pannier)
16 crushed grape transporter
17 grape crusher

18 **hopper**
19 three-sided flap extension
20 platform
21 **vineyard tractor, a narrow-track tractor**

1-22 **wine cellar** *(wine vault)*
1 vault
2 wine cask
3 wine vat, a concrete vat
4 stainless steel vat *(also: vat made of synthetic material)*
5 propeller-type high-speed mixer
6 propeller mixer
7 centrifugal pump
8 stainless steel sediment filter
9 semi-automatic circular bottling machine
10 semi-automatic corking machine
11 bottle rack
12 cellarman's assistant
13 bottle basket
14 wine bottle
15 wine jug
16 wine tasting
17 head cellarman
18 cellarman
19 wineglass

20 **inspection apparatus [for spot-checking samples]**
21 **horizontal wine press**
22 **humidifier**
1-19 fruit pests
1 gipsy (gypsy) moth
2 batch (cluster) of eggs
3 caterpillar
4 chrysalis (pupa)
5 small ermine moth, an ermine moth
6 larva (grub)
7 tent
8 caterpillar skeletonizing a leaf
9 fruit surface eating tortrix moth (summer fruit tortrix moth)
10 appleblossom weevil, a weevil
11 punctured, withered flower (blossom)
12 hole for laying eggs
13 lackey moth
14 caterpillar
15 eggs
16 winter moth, a geometrid
17 caterpillar
18 cherry fruit fly, a borer
19 larva (grub, magg)!
20-27 vine pests
20 downy mildew, a mildew, a disease causing leaf drop
21 grape affected with downy mildew
22 grape-berry moth
23 first-generation larva of the grape-berry moth (Am. grape worm)
24 second-generation larva of the grape-berry moth (Am. grape worm)
25 chrysalis (pupa)
26 root louse, a grape phylloxera
27 root gall (knotty swelling of the root, nodosity, tuberosity)
28 brown-tail moth
29 caterpillar
30 batch (cluster) of eggs
31 hibernation cocoon
32 woolly apple aphid (American blight), an aphid
33 gall caused by the woolly apple aphid
34 woolly apple aphid colony
35 San-Jose scale, a scale insect (scale louse)
36 larvae (grubs) [male elongated, female round]

37-55 field pests
37 click beetle, a snapping beetle (Am. snapping bug)
38 wireworm, larva of the click beetle
39 flea beetle
40 Hessian fly, a gall midge (gall gnats)
41 larva (grub)
42 turnip moth, an earth moth
43 chrysalis (pupa)
44 cutworm, a caterpillar
45 beet carrion beetle
46 larva (grub)
47 large cabbage white butterfly
48 caterpillar of the small cabbage white butterfly
49 brown leaf-eating weevil, a weevil
50 feeding site
51 sugar beet eelworm, a nematode (a threadworm, hairworm)
52 Colorado beetle (potato beetle)
53 mature larva (grub)
54 young larva (grub)
55 eggs
1-14 house insects
1 lesser housefly
2 common housefly
3 chrysalis (pupa, coarctate pupa)
4 stable fly (biting housefly)
5 trichotomous antenna
6 wood louse (slater, Am. sow bug)
7 house cricket
8 wing with stridulating apparatus (stridulating mechanism)
9 house spider
10 spider's web
11 earwig
12 caudal pincers
13 clothes moth, a moth
14 silverfish (Am. slicker), a bristletail
15-30 food pests (pests to stores)
15 cheesefly
16 grain weevil (granary weevil)
17 cockroach (black beetle)
18 meal beetle (meal worm beetle, flour beetle)
19 spotted bruchis
20 larva (grub)
21 chrysalis (pupa)
22 leather beetle (hide beetle)
23 yellow meal beetle
24 chrysalis (pupa)
25 cigarette beetle (tobacco beetle)
26 maize hillbug (corn weevil)
27 one of the Cryptoestes, a grain pest
28 Indian meal moth
29 Angoumois grain moth
(Angoumois moth)
30 Angoumois grain moth caterpillar inside a grain kernel
31-42 parasites of man
31 round worm (maw worm)
32 female
33 head
34 male
35 tapeworm, a flatworm
36 head, a succorial organ
37 sucker
38 crown of hooks
39 bug (bed bug, Am. chinch)
40 crab louse (a human louse)
41 clothes louse (body louse, a human louse)
42 flea (human flea, common flea)
43 tsetse fly
44 malaria mosquito

81 House Insects, Food Pests, and Parasites
1. cockchafer (May bug), a lamellicorn
2. head
3. antenna (feeler)
4. thoracic shield (prothorax)
5. scutellum
6–8. legs
7. front leg
8. middle leg
9. back leg
10. abdomen
11. elytron (wing case)
12. cockchafer grub, a larva
13. chrysalis (pupa)
14. processional moth, a nocturnal moth (night-flying moth)
15. moth
16. caterpillars in procession
17. nun moth (black arches moth)
18. moth
19. eggs
20. caterpillar
21. chrysalis (pupa) in its cocoon
22. typographer beetle, a bark beetle
23–24. galleries under the bark
25. egg gallery
26. larva (grub)
27. beetle
28. pine hawkmoth, a hawkmoth
29. pine moth, a geometrid
30. male moth
31. female moth
32. caterpillar
33. chrysalis (pupa)
34. oak–gall wasp, a gall wasp
35. oak gall (oak apple), a gall
36. larva (grub) in its chamber
37. beech gall
38. spruce–gall aphid
39. winged aphid
40. pine-culture gall
41. pine weevil
42. beetle (weevil)
43. green oak roller moth (green oak tortrix), a leaf roller
44. caterpillar
45. moth
46. pine beauty
47. caterpillar
48. moth

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83 Pest Control

1 area spraying
2 tractor-mounted sprayer
3 spray boom
4 fan nozzle
5 spray fluid tank
6 foam canister for blob marking
7 spring suspension
8 spray
9 blob marker
10 foam feed pipe
11 vacuum fumigator (vacuum fumigation plant) of a tobacco factory
12 vacuum chamber
13 bales of raw tobacco
14 gas pipe
15 mobile fumigation chamber for fumigating nursery saplings, vine layers, seeds and empty sacks with hydrocyanic (prussic) acid
16 gas circulation unit
17 tray
18 spray gun
19 twist grip (control grip, handle) for regulating the jet
20 finger guard
21 control lever (operating lever)
22 spray tube
23 cone nozzle
24 hand spray
25 plastic container
26 hand pump
27 pendulum spray for hop growing on slopes
28 pistol-type nozzle
29 spraying tube
30 hose connection
31 tube for laying poisoned bait
32 fly swat
33 soil injector (carbon disulphide, Am. carbon disulfide, injector) for killing the vine root louse
34 foot lever (foot pedal, foot treadle)
35 gas tube
36 mouse trap
37 vole and mole trap
38 mobile orchard sprayer, a wheelbarrow sprayer (carriage sprayer)
39 spray tank
40 screw-on cover
41 direct-connected motor-driven pump with petrol motor
42 pressure gauge (Am. gage) (manometer)
43 plunger-type knapsack sprayer
44 spray canister with pressure chamber
45 piston pump lever
46 hand lance with nozzle
47 semi-mounted sprayer
48 vineyard tractor
49 fan
50 spray fluid tank
51 row of vines
52 dressing machine (seed-dressing machine) for dry-seed dressing (seed dusting)
53 dedusting fan (dust removal fan) with electric motor
54 bag filter
55 bagging nozzle
56 dedusting screen (dust removal screen)
57 water canister [containing water for spraying]
58 spray unit
59 conveyor unit with mixing screw
60 container for disinfectant powder with dosing mechanism
61 castor
62 mixing chamber
1-34 forest, a wood
1 ride (aisle, lane, section line)
2 compartment (section)
3 wood haulage way, a forest track
4-14 clear-felling system
4 standing timber
5 underwood (underbrush, undergrowth, brushwood, Am. brush)
6 seedling nursery, a tree nursery
7 deer fence (fence), a wire netting fence (protective fence for seedlings): stn.: rabbit fence
8 guard rail
9 seedlings
10-11 young trees
10 tree nursery after transplanting
11 young plantation
12 young plantation after brashing
13 clearing
14 tree stump (stump, stub)

15-37 wood cutting (timber cutting, tree felling, Am. lumbering)
15 timber skidded to the stack (stacked timber, Am. yarded timber)
16 stack of logs, one cubic metre (Am. meter) of wood
17 post (stake)
18 forest labourer (woodsman, Am. logger, lumberjack, lumberman, timberjack) turning (Am. canting) timber
19 hole (tree trunk, trunk, stem)
20 feller numbering the logs
21 steel tree calliper (caliper)
22 power saw (motor saw) cutting a hole
23 safety helmet with visor and ear pieces
24 annual rings
25 hydraulic felling wedge
26 protective clothing [orange top, green trousers]
27 felling with a power saw (motor saw)
28 undercut (notch, throat, gullet, mouth, sink, kerf, birdbrook)
29 back cut
30 sheath holding felling wedge
31 log
32 free-cutting saw for removing underwood and weeds
33 circular saw (or activated blade) attachment
34 power unit (motor)
35 canister of viscous oil for the saw chain
36 petrol canister (Am. gasoline canister)
37 felling of small timber (of small-sized thinnings) (thinning)
1 axe (Am. ax) 43 tractor (tractor unit)  
2 edge (cutting edge) 44 loading crane  
3 handle (helve) 45 hydraulic jack  
4 felling wedge (falling wedge) 46 cable winch  
5 riving hammer (cleaving hammer, splitting hammer) 47 post  
6 lifting hook 48 bolster plate  
7 cant hook 49 rear bed (rear bunk)  
8 barking iron (bark spud)  
9 peavy.  
10 slide caliper (caliper) (calliper square)  
11 billhook, a knife for lopping  
12 revolving disc hammer (marking hammer, marking iron, Am. marker)  
13 power saw (motor saw)  
14 saw chain  
15 safety brake for the saw chain, with finger guard  
16 saw guide  
17 accelerator lock  
18 snedding machine (trimming machine, Am. knotting machine, limbing machine)  
19 feed rolls  
20 flexible blade  
21 hydraulic arm  
22 trimming blade  
23 debarking (barking, bark stripping) of boles  
24 feed roller  
25 cylinder trimmer  
26 rotary cutter  
27 short-aul skidder  
28 loading crane  
29 log grips  
30 post  
31 Ackermann steering system  
32 log dump  
33 number (identification number)  
34 skidder  
35 front blade (front plate)  
36 crush-proof safety bonnet (Am. safety hood)  
37 Ackermann steering system  
38 cable winch  
39 cable drum  
40 rear blade (rear plate)  
41 boles with butts ends held off the ground  
42 haulage of timber by road
1-52 kinds of hunting
1-8 stalking (deer stalking, Am. stillhunting) in the game preserve
1 huntsman (hunter)
2 hunting clothes
3 knapsack
4 sporting gun (sporting rifle, hunting rifle)
5 huntsman's hat
6 field glasses, binoculars
7 gun dog
8 track (trail, hoofprints)
9-12 hunting in the rutting season and the pairing season
9 hunting screen (screen, Am. blind)
10 shooting stick (shooting seat, seat stick)
11 blackcock, displaying
12 rutting stag
13 hind, grazing
14-17 hunting from a raised hide (raised stand)
14 raised hide (raised stand, high seat)
15 herd within range
16 game path (Am. runway)
17 roebuck, hit in the shoulder and killed by a finishing shot
18 phaeton
19-27 types of trapping
19 trapping of small predators
20 box trap (trap for small predators)
21 bait
22 marten, a small predator
23 ferreting (hunting rabbits out of their warrens)
24 ferret
25 ferreter
26 burrow (rabbit burrow, rabbit hole)
27 net (rabbit net) over the burrow opening
28 feeding place for game (winter feeding place)
29 poacher
30 carbine, a short rifle
31 boar hunt
32 wild sow (sow, wild boar)
33 boarhound (hound, hunting dog; collectively: pack, pack of hounds)
34-39 beating (driving, hare hunting)
34 aiming position
35 hare, furred game, ground game
36 retrieving
37 bag (kill)
38 cart for carrying game
39 waterfowling (wildfowling, duck shooting, Am. duck hunting)
40 flight of wild ducks, winged game
42-46 falconry (hawking)
42 falconer
43 reward, a piece of meat
44 falcon's hood
45 jess
46 falcon, a hawk, a male hawk (tiree) swooping (stooping) on a heron
47-52 shooting from a butt
47 tree to which birds are lured
48 eagle owl, a decoy bird (decoy)
49 perch
50 decoyed bird, a crow
51 butt for shooting crows or eagle owls
52 gun slit
1-40 sporting guns (sporting rifles, hunting rifles)
1 single-loader (single-loading rifle)
2 repeating rifle, a small-arm (fire-arm), a repeater (magazine rifle, magazine repeater)
3, 4, 6, 13 stock
3 butt
4 cheek [on the left side]
5 sling ring
6 pistol grip
7 small of the butt
8 safety catch
9 lock
10 trigger guard
11 second set trigger (firing trigger)
12 hair trigger (set trigger)
13 foregrip
14 butt plate
15 cartridge chamber
16 receiver
17 magazine
18 magazine spring
19 ammunition (cartridge)
20 chamber

21 firing pin (striker)
22 bolt handle (bolt lever)
23 triple-barrelled (triple-barreled) rifle, a self-cocking gun
24 reversing catch (in various guns: safety catch)
25 sliding safety catch
26 rifle barrel (rifled barrel)
27 smooth-bore barrel
28 chiseling
29 telescopic sight (riflescope, telescope sight)
30 graticule adjuster screws
31-32 graticule (sight graticule)
31 various graticule systems
32 cross wires (Am. cross hairs)
33 over-and-under shotgun
34 rifled gun barrel
35 barrel casing
36 rifling
37 rifling calibre (Am. caliber)
38 bore axis
39 land
40 calibre (bore diameter, Am. caliber)

41-48 hunting equipment
41 double-edged hunting knife
42 single-edged hunting knife
43-47 calls for luring game (for calling game)
43 roe call
44 hare call
45 quail call
46 stag call
47 partridge call
48 bow trap (bow gin), a jaw trap
49 small-shot cartridge
50 cartridge case
51 small-shot charge
52 felt wad
53 smokeless powder (different kind: black powder)
54 cartridge
55 full-jacketed cartridge
56 soft-lead core
57 powder charge
58 detonator cap
59 percussion cap
60 hunting horn
61-64 rifle cleaning kit
61 cleaning rod
62 cleaning brush
63 cleaning towel
64 pull-through (Am. pull-thru)
65 sights
66 notch (sighting notch)
67 back sight leaf
68 sight scale division
69 back sight slide
70 notch [to hold the spring]
71 front sight (foresight)
72 bead
73 ballistics
74 azimuth
75 angle of departure
76 angle of elevation
77 apex (zenith)
78 angle of descent
79 ballistic curve
1-27 red deer
1 hind (red deer), a young hind or a daim; collectively: antlerless
deer, (y.) calf
2 tongue
3 neck
4 rutting stag
5-11 antlers
5 burr (rose)
6 brow antler (brow tine, brow point, brow anag)
7 bez antler (bay antler, bay, bez tine)
8 royal antler (royal, tray)
9 surroyal antlers (surroyals)
10 point (tine)
11 beam (main trunk)
12 head
13 mouth
14 larrimer (tear bag)
15 eye
16 ear
17 shoulder
18 loin
19 scut (tail)
20 rump
21 leg (haunch)
22 hind leg
23 dew claw
24 hoof
25 foreleg
26 flank
27 collar (rutting mane)
28-39 roe (roe deer)
28 roebuck (buck)
29-31 antlers (horns)
29 burr (rose)
30 beam with pearls
31 point (tine)
32 car
33 eye
34 doe (female roe), a female fawn or a barren doe
35 loin
36 rump
37 leg (haunch)
38 shoulder
39 fawn, (m.) young buck, (f.) young doe
40-41 fallow deer
40 fallow buck, a buck with palmate (palmated) antlers, (f.) doe
41 palm

42 red fox, (m.) dog, (f.) vixen, (y.) cub
43 eyes
44 ear
45 muzzle (mouth)
46 pads (paws)
47 brush (tail)
48 badger, (f.) sow
49 tail
50 paws
51 wild boar, (m.) boar, (f.) wild sow (sow), (y.) young boar
52 bristles
53 snout
54 tusk
55 shield
56 hide
57 dew claw
58 tail
59 hare, (m.) buck, (f.) doe
60 eye
61 ear
62 scut (tail)
63 hind leg
64 foreleg
65 rabbit
66 blackcock
67 tail
68 falcate (falcated) feathers
69 hazel grouse (hazel hen)
70 partridge
71 horseshoe (horseshoe marking)
72 wood grouse (capercaillie)
73 beard
74 axillary marking
75 tail (fan)
76 wing (pinion)
77 common pheasant, a pheasant, (m.) cock pheasant (pheasant
cock), (f.) hen pheasant (pheasant hen)
78 plumicorn (feathered ear, ear tuit, ear, horn)
79 wing
80 tail
81 leg
82 spur
83 snipe
84 bill (beak)
1-19 fish farming (fish culture, pisciculture)
1 cage in running water
2 hand net (landing net)
3 semi-oval barrel for transporting fish
4 vat
5 trellis in the overflow
6 trout pond; sim.: carp pond, a fry pond, fattening pond, or cleansing pond
7 water inlet (water supply pipe)
8 water outlet (outlet pipe)
9 monk
10 screen
11-19 hatchery
11 stripping the spawning pike (seed pike)
12 fish spawn (spawn, roe, fish eggs)
13 female fish (spawner, seed fish)
14 trout breeding (trout rearing)
15 Californian incubator
16 trout fry
17 hatching jar for pike
18 long incubation tank
19 Brandsitter egg-counting board
20-94 angling
20-94 coarse fishing
20 line shooting
21 coils
22 cloth (rag) or paper
23 rod rest
24 bait tin
25 fish basket (creel)
26 fishing for carp from a boat
27 rowing boat (fishing boat)
28 keep net
29 drop net
30 pole (punt pole, quant pole)
31 casting net
32 two-handed side cast with fixed spool reel
33 initial position
34 point of release
35 path of the rod tip
36 trajectory of the baited weight
37-94 fishing tackle
37 fishing pliers
38 filleting knife
39 fish knife
40 disgorger (hook disgorger)
41 bait needle
42 gag
43-48 floats
43 sliding cork float
44 plastic float
45 quill float
46 polystyrene float
47 oval bubble float
48 lead-weighted sliding float
49-58 rods
49 solid glass rod
50 cork handle (cork butt)
51 spring steel ring
52 top ring (end ring)
53 telescopic rod
54 rod section
55 bound handle (bound butt)
56 ring
57 carbon-fibre rod; sim.: hollow glass rod
58 all-round ring (butt ring for long cast), a steel bridge ring
59-64 reels
59 multiplying reel (multiplier reel)
60 line guide
61 fixed spool reel (stationary-drum reel)
62 bale arm
63 fishing line
64 controlling the cast with the index finger
65-76 baits
65 fly
66 artificial nymph
67 artificial earthworm
68 artificial grasshopper
69 single-jointed plug (single-jointed wobbler)
70 double-jointed plug (double-jointed wobbler)
71 round wobbler
72 wiggler
73 spoon bait (spoon)
74 spinner
75 spinner with concealed hook
76 long spinner
77 swivel
78 cast (leader)
79-87 hooks
79 fish hook
80 point of the hook with barb
81 bend of the hook
82 spade (eye)
83 open double hook
84 limerick
85 closed treble hook (triangle)
86 carp hook
87 eel hook
88-92 leads (lead weights)
88 oval lead (oval sinker)
89 lead shot
90 pear-shaped lead
91 plummet
92 sea lead
93 fish ladder (fish pass, fishway)
94 stake net
1-23 deep-sea fishing
1 herring lugger (fishing lugger, lugger)
2-10 herring drift net
2 buoy
3 buoy rope
4 float line
5 seizing
6 wooden float
7 headline
8 net
9 footrope
10 sinkers (weights)
11-23 trawl fishing (trawling)
11 factory ship, a trawler
12 warp (trawl warp)
13 otter boards
14 net sonar cable
15 wire warp
16 wing
17 net sonar device
18 footrope
19 spherical floats
20 belly
21 1,800 kg iron weight
22 cod end (cod)
23 cod line for closing the cod end

24-29 inshore fishing
24 fishing boat
25 ring net cast in a circle
26 cable for closing the ring net
27 closing gear
28-29 long-line fishing (long-lining)
28 long line
29 suspended fishing tackle

1-34 windmill
1 windmill vane (windmill sail, windmill arm)
2 stock (middling, back, radius)
3 frame
4 shutter
5 wind shaft (sail axle)
6 sail top
7 brake wheel
8 brake
9 wooden cog
10 pivot bearing (step bearing)
11 wailer
12 mill spindle
13 hopper
14 shoe (trough, spout)
15 miller
16 millstone
17 furrow (flute)
18 master furrow
19 eye
20 hurst (millstone casing)
21 set of stones (millstones)
22 runner (upper millstone)
23 bed stone (lower stone, bedder)
24 wooden shovel
25 bevel gear (bevel gearing)
26 boltier (sifter)

27 wooden tub (wooden tun)
28 flour
29 smock windmill (Dutch windmill)
30 rotating (revolving) windmill cap
31 post windmill (German windmill)
32 tailpole (pole)
33 base
34 post
35-44 watermill
35 overshot mill wheel (high-breast mill wheel), a mill wheel (waterwheel)
36 bucket (cavity)
37 middleshot mill wheel (breast mill wheel)
38 curved vane
39 undershot mill wheel
40 flat vane
41 headrace (discharge flume)
42 mill weir
43 overflow (water overflow)
44 millstream (millrace, Am. raceway)
1-31 brewery (brewhouse)
1-5 wort cooling and break removal (trub removal)
1 control desk (control panel)
2 whirlpool separator for removing the hot break (hot trub)
3 measuring vessel for the kieselschuhr
4 kieselschuhr filter
5 wort cooler
6 pure culture plant for yeast (yeast propagation plant)
7 fermenting cellar
8 fermentation vessel (fermenter)
9 fermentation thermometer (mash thermometer)
10 mash
11 refrigeration system
12 lager cellar
13 manhole to the storage tank
14 broaching tap
15 beer filter
16 barrel store
17 beer barrel, an aluminium (Am. aluminum) barrel
18 bottle-washing plant
19 bottle-washing machine (bottle washer)
20 control panel
21 cleaned bottles
22 bottling
23 forklift truck (fork truck, forklift)
24 stack of beer crates
25 beer can
26 beer bottle, a Eurobottle with bottled beer, kinds of beer: light beer (lager, light ale, pale ale or bitter), dark beer (brown ale, mild), Pilsner beer, Munich beer, malt beer, strong beer (bock beer), porter, ale, stout, Salvator beer, wheat beer, small beer
27 crown cork (crown cork closure)
28 disposable pack (carry-home pack)
29 non-returnable bottle (single-trip bottle)
30 beer glass
31 head
1 slaughterman (Am. slaughterer, killer)
2 animal for slaughter, an ox
3 captive-bolt pistol (pneumatic gun), a stunning device
4 bolt
5 cartridges
6 release lever (trigger)
7 electric stunner
8 electrode
9 lead
10 hand guard (insulation)
11 pig (Am. hog) for slaughter
12 knife case
13 flaying knife
14 sticking knife (sticker)
15 butcher's knife (butcher knife)
16 steel
17 splitter
18 cleaver (butcher's cleaver, meat axe (Am. meat ax))
19 bone saw (butcher's saw)
20 meat saw for sawing meat into cuts
21-24 cold store (cold room)
21 gambrel (gambrel stick)
22 quarter of beef
23 side of pork
24 meat inspector's stamp

1-13 animal: calf; meat: veal
1 leg with hind knuckle
2 flank
3 loin and rib
4 breast (breast of veal)
5 shoulder with fore knuckle
6 neck with scrag (scrag end)
7 best end of loin (of loin of veal)
8 fore knuckle
9 shoulder
10 hind knuckle
11 roasting round (oyster round)
12 cutlet for frying or braising
13 undercut (fillet)
14-37 animal: ox; meat: beef
14 round with rump and shank
15-16 flank
15 thick flank
16 thin flank
17 sirloin
18 prime rib (fore ribs, prime fore rib)
19 middle rib and chuck
20 neck
21 flat rib
22 leg of mutton piece (bladebone) with shin
23 brisket (brisket of beef)
24 fillet (fillet of beef)
25 hind brisket
26 middle brisket
27 breastbone
28 shin
29 leg of mutton piece
30 bladebone [meat side]
31 part of top rib
32 bladebone [bone side]
33 shank
34 silverside
35 rump
36 thick flank
37 top side
38-54 animal: pig; meat: pork
38 leg with knuckle and trotter
39 ventral part of the belly
40 back fat
41 belly
42 bladebone with knuckle and trotter
43 head (pig's head)
44 fillet (fillet of pork)
45 leaf fat (pork flare)
46 loin (pork loin)
47 spare rib
48 trotter
49 knuckle
50 butt
51 fore end (ham)
52 round end for boiling
53 fat end
54 gammon steak
1-30 butcher’s shop
1-4 meat
1 ham on the bone
2 flitch of bacon
3 smoked meat
4 piece of loin (piece of sirloin)
5 lard
6-11 sausages
6 price label
7 mortadella
8 scalded sausage; kinds: Vienna sausage (Wiener), Frankfurter sausage (Frankfurter)
9 collared pork (Am. headcheese)
10 ring of Lyoner sausage
11 pork sausages; also: beef sausages
12 cold shelves
13 meat salad (diced meat salad)
14 cold meats (Am. cold cuts)
15 pâté
16 mince (mincemeat, minced meat)
17 knuckle of pork

18 basket for special offers
19 price list for special offers
20 special offer
21 freezer
22 pre-packed joints
23 deep-frozen ready-to-eat meal
24 chicken
25 canned food
26 can
27 canned vegetables
28 canned fish
29 salad cream
30 soft drinks

31-59 manufacture of sausages
31-37 butcher’s knives
31 slicer
32 knife blade
33 saw teeth
34 knife handle
35 carver (carving knife)
36 boning knife
37 butcher’s knife (butcher knife)
38 butcher (master butcher)
39 butcher’s apron
40 meat-mixing trough
41 sausage meat
42 scraper
43 skimmer
44 sausage fork
45 scalding colander
46 waste bin (Am. trash bin)
47 cooker, for cooking with steam or hot air
48 smoke house
49 sausage filler (sausage stuffer)
50 feed pipe (supply pipe)
51 containers for vegetables

52 mincing machine for sausage meat
53 mincing machine (meat mincer, mincer, Am. meat grinder)
54 plates (steel plates)
55 meathook (butcher’s hook)
56 bone saw
57 chopping board
58 butcher, cutting meat
59 piece of meat
1-54 baker's shop
1 shop assistant (Am. salesgirl, saleslady)
2 bread (loaf of bread, loaf)
3 crumb
4 crust (bread crust)
5 crust (Am. heel)
6-12 kinds of bread (breads)
6 round loaf, a wheat and rye bread
7 small round loaf
8 long loaf (bloomer), a wheat and rye bread
9 white loaf
10 pan loaf, a wholemeal rye bread
11 yeast bread (Am. stollen)
12 French loaf (baguette, French stick)
13-16 rolls
13 brown roll
14 white roll
15 finger roll
16 rye-bread roll
17-47 cakes (confectionery)
17 cream roll
18 vol-au-vent, a puff pastry (Am. puff paste)
19 Swiss roll (Am. jelly roll)
20 tartlet
21 slice of cream cake
22-24 flans (Am. pies) and gateaux (torten)
22 fruit flan (kinds: strawberry flan, cherry flan, gooseberry flan, peach flan, rhubarb flan)
23 cheesecake
24 cream cake (Am. cream pie) (kinds: butter-cream cake, Black Forest gateau)
25 cake plate
26 meringue
27 cream puff
28 whipped cream
29 doughnut (Am. bismarck)
30 Danish pastry
31 saltstick (saltztange) (also: caraway roll, caraway stick)
32 croissant (crescent roll, Am. crescent)
33 ring cake (gugelhupf)
34 slab cake with chocolate icing
35 streusel cakes
36 marshmallow
37 coconut macaroon
38 pastry whirl
39 iced bun
40 sweet bread
41 plaited bun (plait)
42 Frankfurter garland cake
43 slices (kinds: streusel slices, sugared slices, plum slices)
44 pretzel
45 wafer (Am. waffle)
46 tree cake (baumkuchen)
47 flan case
48-50 wrapped bread
48 wholemeal bread (also: wheatgerm bread)
49 pumpernickel (wholemeal rye bread)
50 crispbread
51 gingerbread (Am. lebkuchen)
52 flour (kinds: wheat flour, rye flour)
53 yeast (baker's yeast)
54 rusks (French toast)
55-74 bakery (bakhouse)
55 kneading machine (dough mixer)
56-57 bread unit
56 divider
57 moulder (Am. molder)
58 premixer
59 dough mixer
60 workbench
61 roll unit
62 workbench
63 divider and rounder (rounding machine)
64 crescent-forming machine
65 freezers
66 oven (for baking with fat)
67-70 confectionery unit
67 cooling table
68 sink
69 boiler
70 whipping unit [with beater]
71 reel oven (oven)
72 fermentation room
73 fermentation trolley
74 flour silo
1-87 grocer's shop (grocer's, delicatessen shop, Am. grocery store, delicatessen store), a retail shop (Am. retail store)
1 window display
2 poster (advertisement)
3 cold shelves
4 sausages
5 cheese
6 roasting chicken (broiler)
7 poulard, a fattened hen
8-11 baking ingredients
8 raisins; sim. sultanas
9 currants
10 candied lemon peel
11 candied orange peel
12 computing scale, a rapid scale
13 shop assistant (Am. salesclerk)
14 goods shelves (shelves)
15-20 canned food
15 canned milk
16 canned fruit (cans of fruit)
17 canned vegetables
18 fruit juice
19 sardines in oil, a can of fish
20 canned meat (cans of meat)
21 margarine
22 butter
23 coconut oil, a vegetable oil
24 oil; kinds: salad oil, olive oil, sunflower oil, wheatgerm oil, ground-nut oil
25 vinegar
26 stock cube
27 bouillon cube
28 mustard
29 gherkin (pickled gherkin)
30 soup seasoning
31 shop assistant (Am. salesgirl, saleslady)
32-34 pastas
32 spaghetti
33 macaroni
34 noodles
35-39 cereal products
35 pearl barley
36 semolina
37 rolled oats (porridge oats, oats)
38 rice
39 sago
40 salt
41 grocer (Am. grocer), a shopkeeper (tradesman, retailer, Am. storekeeper)
42 capers
43 customer
44 receipt (sales check)
45 shopping bag
46-49 wrapping material
46 wrapping paper
47 adhesive tape
48 paper bag
49 cone-shaped paper bag
50 blancmange powder
51 whole-fruit jam (preserve)
52 jam
53-55 sugar
53 cube sugar
54 icing sugar (Am. confectioner's sugar)
55 refined sugar in crystals
56-59 spirits
56 whisky (whiskey)
57 rum
58 liqueur
59 brandy (cognac)
60-64 wine in bottles (bottled wine)
60 white wine
61 Chianti
62 vermouth
63 sparkling wine
64 red wine
65-68 tea, coffee, etc.
65 coffee (pure coffee)
66 cocoa
67 coffee
68 tea bag
69 electric coffee grinder
70 coffee roaster
71 roasting drum
72 sample scoop
73 price list
74 freezer
75-86 confectionery (Am. candies)
75 sweet (Am. candy)
76 drops
77 toffees
78 bar of chocolate
79 chocolate box
80 chocolate, a sweet
81 nougat
82 marzipan
83 chocolate liqueur
84 Turkish delight
85 croissant
86 truffle
87 soda water
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<thead>
<tr>
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<tbody>
<tr>
<td><strong>1</strong></td>
<td>winter boot</td>
<td><strong>19</strong></td>
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<td><strong>2</strong></td>
<td>PVC sole (plastic sole)</td>
<td><strong>20</strong></td>
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<td><strong>3</strong></td>
<td>high-pile lining</td>
<td><strong>21</strong></td>
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<td><strong>4</strong></td>
<td>nylon</td>
<td><strong>22</strong></td>
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<td><strong>5</strong></td>
<td>men's boot</td>
<td><strong>23</strong></td>
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<td><strong>6</strong></td>
<td>inside zip</td>
<td><strong>24</strong></td>
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<td><strong>7</strong></td>
<td>men's high leg boot</td>
<td><strong>25</strong></td>
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<td><strong>8</strong></td>
<td>platform sole (platform)</td>
<td><strong>26</strong></td>
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<td><strong>9</strong></td>
<td>Western boot (cowboy boot)</td>
<td><strong>27</strong></td>
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<td><strong>10</strong></td>
<td>pony skin boot</td>
<td><strong>28</strong></td>
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<td><strong>11</strong></td>
<td>cemented sole</td>
<td><strong>29</strong></td>
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<td><strong>12</strong></td>
<td>ladies' boot</td>
<td><strong>30</strong></td>
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<tr>
<td><strong>13</strong></td>
<td>men's high leg boot</td>
<td><strong>31</strong></td>
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<td><strong>14</strong></td>
<td>seamless PVC waterproof wellington boot</td>
<td><strong>1</strong></td>
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<tr>
<td><strong>15</strong></td>
<td>natural-colour (Am. natural-color) sole</td>
<td><strong>2</strong></td>
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<td><strong>16</strong></td>
<td>toecap</td>
<td><strong>3</strong></td>
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<td><strong>17</strong></td>
<td>tricot lining (knitwear lining)</td>
<td><strong>4</strong></td>
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<td><strong>18</strong></td>
<td>hiking boot</td>
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<td><strong>19</strong></td>
<td>grip sole</td>
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<td><strong>20</strong></td>
<td>padded collar</td>
<td><strong>7</strong></td>
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<tr>
<td><strong>21</strong></td>
<td>tie fastening (lace fastening)</td>
<td><strong>8</strong></td>
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<tr>
<td><strong>22</strong></td>
<td>open-toe mule</td>
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<tr>
<td><strong>23</strong></td>
<td>terry upper</td>
<td><strong>10</strong></td>
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<td><strong>24</strong></td>
<td>polo outside</td>
<td><strong>11</strong></td>
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<td><strong>25</strong></td>
<td>mule</td>
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<td><strong>26</strong></td>
<td>corduroy upper</td>
<td><strong>13</strong></td>
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<td><strong>27</strong></td>
<td>evening sandal (sandal court shoe)</td>
<td><strong>14</strong></td>
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<td><strong>28</strong></td>
<td>high heel (stiletto heel)</td>
<td><strong>15</strong></td>
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<td><strong>29</strong></td>
<td>court shoe (Am. pump)</td>
<td><strong>16</strong></td>
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<td><strong>30</strong></td>
<td>mocassin</td>
<td><strong>17</strong></td>
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<tr>
<td><strong>31</strong></td>
<td>shoe, a tie shoe (laced shoe, Oxford shoe, Am. Oxford)</td>
<td><strong>18</strong></td>
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<td><strong>32</strong></td>
<td>tongue</td>
<td><strong>19</strong></td>
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<td><strong>33</strong></td>
<td>high-heeled shoe (shoe with raised heel)</td>
<td><strong>20</strong></td>
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<td><strong>34</strong></td>
<td>casual</td>
<td><strong>21</strong></td>
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<td><strong>35</strong></td>
<td>trainer (training shoe)</td>
<td><strong>22</strong></td>
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<td><strong>36</strong></td>
<td>tennis shoe</td>
<td><strong>23</strong></td>
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<td><strong>37</strong></td>
<td>counter (stiffening)</td>
<td><strong>24</strong></td>
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<tr>
<td><strong>38</strong></td>
<td>natural-colour (Am. natural-color) rubber sole</td>
<td><strong>25</strong></td>
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<td><strong>39</strong></td>
<td>heavy-duty boot (Am. stogy, stogie)</td>
<td><strong>26</strong></td>
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<tr>
<td><strong>40</strong></td>
<td>toecap</td>
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<td><strong>41</strong></td>
<td>slipper</td>
<td><strong>28</strong></td>
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<td><strong>42</strong></td>
<td>woollen (Am. woollen) slip sock</td>
<td><strong>29</strong></td>
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<tr>
<td><strong>43</strong></td>
<td>knit stitch (knit)</td>
<td><strong>30</strong></td>
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<td><strong>44</strong></td>
<td>close</td>
<td><strong>31</strong></td>
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<tr>
<td><strong>45</strong></td>
<td>woollen sole</td>
<td><strong>32</strong></td>
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<tr>
<td><strong>46</strong></td>
<td>soft-leather upper</td>
<td><strong>33</strong></td>
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<td><strong>47</strong></td>
<td>sabot</td>
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<td><strong>48</strong></td>
<td>toe post sandal</td>
<td><strong>35</strong></td>
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<tr>
<td><strong>49</strong></td>
<td>ladies' sandal</td>
<td><strong>36</strong></td>
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<tr>
<td><strong>50</strong></td>
<td>surgical footbed (sock)</td>
<td><strong>37</strong></td>
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<tr>
<td><strong>51</strong></td>
<td>sandal</td>
<td><strong>38</strong></td>
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<tr>
<td><strong>52</strong></td>
<td>shoe buckle (buckle)</td>
<td><strong>39</strong></td>
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<td><strong>53</strong></td>
<td>sling-back court shoe (Am. sling pump)</td>
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<td><strong>54</strong></td>
<td>fabric court shoe</td>
<td><strong>41</strong></td>
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<tr>
<td><strong>55</strong></td>
<td>wedge heel</td>
<td><strong>42</strong></td>
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<tr>
<td><strong>56</strong></td>
<td>baby's first walking boot</td>
<td><strong>43</strong></td>
</tr>
</tbody>
</table>

книга выложена группой vk.com/englishlibrary
1-27 dressmaker's workroom
1 dressmaker
2 tape measure (measuring tape), a metre (Am. meter) tape measure
3 cutting shears
4 cutting table
5 model dress
6 dressmaker's model (dressmaker's dummy, dress form)
7 model coat
8 sewing machine
9 drive motor
10 drive belt
11 treadle
12 sewing machine cotton (sewing machine thread) [on bobbin]
13 cutting template
14 seam binding
15 button box
16 remnant
17 movable clothes rack
18 hand-iron press
19 presser (ironer)
20 steam iron

21 water feed pipe
22 water container
23 adjustable-tilt ironing surface
24 lift device for the iron
25 steam extractor
26 foot switch controlling steam extraction
27 pressed non-woven woollen (Am. woollen) fabric

1-32 tailor's workroom
1 triple mirror
2 lengths of material
3 suit
4 fashion journal (fashion magazine)
5 ashtray
6 fashion catalogue
7 workbench
8 wall shelves (wall shelf unit)
9 cotton reel
10 small reels of sewing silk
11 hand shears
12 combined electric and treadle sewing machine
13 treadle
14 dress guard
15 hand wheel
16 bobbin thread
17 sewing machine table
18 sewing machine drawer
19 seam binding
20 pin cushion
21 marking out
22 tailor
23 shaping pad
24 tailor's chalk (French chalk)
25 workpiece
26 steam press (steam pressing unit)
27 swivel arm
28 pressing cushion (pressing pad)
29 iron
30 hand-ironing pad
31 clothes brush
32 pressing cloth
1 electronic wristwatch
2 digital readout, a light-emitting diode (LED) readout; also: liquid crystal readout
3 hour and minute button
4 date and second button
5 strap (watch strap)
6 tuning fork principle (principle of the tuning fork watch)
7 power source (battery cell)
8 transformer
9 tuning fork element (oscillating element)
10 wheel (ratchet)
11 wheels
12 minute hand
13 hour hand
14 principle of the electronic quartz watch
15 quartz
16 integrated circuit
17 oscillation counter
18 decoder
19 calendar clock (alarm clock)
20 digital display with flip-over numerals
21 second indicator
22 stop button
23 forward and backward wind knob
24 grandfather clock
25 face
26 clock case
27 pendulum
28 striking weight
29 time weight
30 sundial
31 hourglass (egg timer)
32-43 components of an automatic watch (automatic wristwatch)
32 weight (rotor)
33 stone (jewel, jewelled bearing), synthetic ruby
34 click
35 click wheel
36 clockwork (clockwork mechanism)
37 bottom train plate
38 spring barrel
39 balance wheel
40 escape wheel
41 crown wheel
42 winding crown
43 drive mechanism
1-19 sales premises
1-4 spectacle fitting
1 optician
2 customer
3 trial frame
4 mirror
5 stand with spectacle frames (display of frames, range of spectacles)
6 sunglasses (sun spectacles)
7 metal frame
8 tortoiseshell frame (shell frame)
9 spectacles (glasses)
10-14 spectacle frame
10 fitting (mount) of the frame
11 bridge
12 pad bridge
13 side
14 side joint
15 spectacle lens, a bifocal lens
16 hand mirror (hand glass)
17 binoculars
18 monocular telescope (tube)
19 microscope

20-47 optician's workshop
20 workbench
21 universal centring (centering) apparatus
22 centring (centering) suction holder
23 sucker
24 edging machine
25 formers for the lens edging machine
26 inserted former
27 rotating printer
28 abrasive wheel combination
29 control unit
30 machine part
31 cooling water pipe
32 cleaning fluid
33 focimeter (vertex refractionometer)
34 metal-blocking device
35 abrasive wheel combination and forms of edging
36 roughing wheel for preliminary surfacing

37 fining lap for positive and negative lens surfaces
38 fining lap for special and flat lenses
39 plano-concave lens with a flat surface
40 plano-concave lens with a special surface
41 concave and convex lens with a special surface
42 convex and concave lens with a special surface
43 ophthalmic test stand
44 phoropter with ophthalmometer and optometer (refractometer)
45 trial lens case
46 collimator
47 acuity projector
1-105 system camera
1 miniature single-lens reflex camera
2 camera body
3-8 lens, a normal lens (standard lens)
3 lens barrel
4 distance scale in metres and feet
5 aperture ring (aperture setting ring, aperture control ring)
6 front element mount with filter mount
7 front element
8 focusing ring (distance setting ring)
9 ring for the carrying strap
10 battery chamber
11 screw-in cover
12 rewind handle (rewind, rewind crank)
13 battery switch
14 flash socket for F and X contacts
15 self-timer lever (setting lever for the self-timer, setting lever for the delayed-action release)
16 single stroke film advance lever
17 exposure counter (frame counter)
18 shutter release (shutter release button)
19 shutter speed setting knob (shutter speed control)
20 accessory shoe
21 hot-shoe flash contact
22 viewfinder eyepiece with correcting lens
23 camera back
24 pressure plate
25 take up speed of the rapid-loading system
26 transport sprocket
27 rewind release button (reversing clutch)
28 film window
29 rewind cam
30 tripod socket (tripod bush)
31 reflex system (mirror reflex system)
32 lens
33 reflex mirror
34 film window
35 path of the image beam
36 path of the sample beam
37 meter cell

38 auxiliary mirror
39 focusing screen
40 field lens
41 pentaprism
42 eyepiece
43-105 system of accessories
43 interchangeable lenses
44 fisheye lens (fisheye)
45 wide-angle lens (short focal length lens)
46 normal lens (standard lens)
47 medium focal length lens
48 telephoto lens (long focal length lens)
49 long focus lens
50 mirror lens
51 viewfinder image
52 signal to switch to manual control
53 focus control
54 microprism collar
55 split-image rangefinder (focusing wedge)
56 aperture seals
57 exposure meter needle
58-66 interchangeable focusing screens
58 all-matt screen (ground glass screen) with microprism spot
59 all-matt screen (ground glass screen) with microprism spot and split image rangefinder
60 all-matt screen (ground glass screen) without focusing aids
61 matt screen (ground glass screen) with reticle
62 microprism spot for lenses with a large aperture
63 microprism spot for lenses with an aperture of f = 1:3.5 or larger
64 Fresnel lens with matt collar (ground glass collar) and split-image rangefinder
65 all-matt screen (ground glass screen) with finely matted central spot and graduated markings
66 matt screen (ground glass screen) with clear spot and double cross hairs
67 data recording back for exposing data about shots
68 viewfinder hood (focusing hood)
69 interchangeable pentaprism viewfinder
70 pentaprism
71 right-angle viewfinder
72 correction lens
73 eyepiece
74 focusing telescope
75 matte unit
76 combined battery holder and control grip for the motor drive
77 rapid-sequence camera
78 attachable motor drive
79 external (outside) power supply
80 ten meter film back (magazine back)
81-98 close-up and macro equipment
81 extension tube
82 adapter ring
83 reversing ring
84 lens in retrofocus position
85 bellows unit (extension bellows, close-up bellows attachment)
86 focusing stage
87 slide-copying attachment
88 slide-copying adapter
89 micro attachment (photomicroscope adapter)
90 copying stand (copy stand, copypod)
91 spider leg
92 copying stand (copy stand)
93 arm of the copying stand (copy stand)
94 macrophoto stand
95 stage plates for the macrophoto stand
96 portable disc (disk)
97 Lieberkühn reflector
98 mechanical stage
99 table tripod (table-top tripod)
100 rifle grip
101 cable release
102 double cable release
103 camera case (ever-ready case)
104 lens case
105 soft-leather lens pouch
1-60 darkroom equipment
1 developing tank
2 spiral (developing spiral, tank reel)
3 multi-unit developing tank
4 multi-unit tank spiral
5 daylight-loading tank
6 loading chamber
7 film transport handle
8 developing tank thermometer
9 collapsible bottle for developing solution
10 chemical bottles for first developer, stop bath, colour developer, bleach-hardener, stabilizer
11 measuring cylinders
12 funnel
13 tray thermometer (dish thermometer)
14 film clip
15 wash tank (washer)
16 water supply pipe
17 water outlet pipe
18 laboratory timer (timer)
19 automatic film agitator
20 developing tank
21 darkroom lamp (saferight)
22 filter screen
23 film drier (drying cabinet)
24 exposure timer
25 developing dish (developing tray)
26 enlarger
27 baseboard
28 angled column
29 lamphouse (lamp housing)
30 negative carrier
31 bellows
32 lens
33 friction drive for fine adjustment
34 height adjustment (scale adjustment)
35 masking frame (casel)
36 colour (Am. color) analyser
37 colour (Am. color) analyser lamp
38 probe lead
39 exposure time balancing knob
40 colour (Am. color) enlarger
41 enlarger head
42 column
43-45 colour-mixing (Am. color-mixing) knob
43 magenta filter adjustment (minus green filter adjustment)
44 yellow filter adjustment (minus blue filter adjustment)
45 cyan filter adjustment (minus red filter adjustment)
46 red swing filter
47 print tongs
48 processing drum
49 squeegee
50 range (assortment) of papers
51 colour (Am. color) printing paper, a packet of photographic printing paper
52 colour (Am. color) chemicals (colour processing chemicals)
53 enlarging meter (enlarging photometer)
54 adjusting knob with paper speed scale
55 probe
56 semi-automatic thermostatically controlled developing dish
57 rapid print drier (heated print drier)
58 glazing sheet
59 pressure cloth
60 automatic processor (machine processor)
1. 49 carcase (carcase, fabric)
   [house construction, carcassing]
2. basement of tamped (rammed)
   concrete
3. 2 concrete base course
4. cellar window (basement window)
5. outside cellar steps
6. utility room door
7. ground floor (Am. first floor)
8. brick wall
9. lintel (window head)
10. reveal
11. jamb
12. window ledge (window sill)
13. reinforced concrete lintel
14. upper floor (first floor, Am. second floor)
15. hollow-block wall
16. concrete floor
17. work platform (working platform)
18. bricklayer (Am. brickmason)
19. bricklayer's labourer (Am. laborer); also: builder's labourer
20. mortar trough
21. chimney
22. cover (boards) for the staircase
23. scaffold pole (scaffold standard)
24. platform railing
25. angle brace (angle tie) in the scaffold
26. ledger
27. putlog (putlock)
28. plank platform (board platform)
29. guard board
30. scaffolding joint with chain or lashing or whip or bond
31. builder's hoist
32. mixer operator
33. concrete mixer, a gravity mixer
34. mixing drum
35. feeder skip
36. concrete aggregate (sand and gravel)
37. wheelbarrow
38. hose (hosepipe)
39. mortar run (mortar trough, mortar tin)
40. stack of bricks
41. stacked shutter boards (lining boards)
42. ladder
43. bag of cement
44. site fence, a timber fence
45. signboard (billboard)
46. removable gate
47. contractors' name plates
48. site hut (office)
49. building site latrine
50. 57 bricklayer's (Am. brickmason's) tools
50. plum bob (plummet)
51. thick lead pencil
52. trowel
53. bricklayer's (Am. brickmason's) hammer (brick hammer)
54. mallet
55. spirit level
56. laying-on trowel
57. float
58. 68 masonry bonds
58. brick (standard brick)
59. stretching bond
60. heading bond
61. racking (raking) back
62. English bond
63. stretching course
64. heading course
65. English cross bond (Saint Andrew's cross bond)
66. chimney bond
67. first course
68. second course
69. 92 excavation
69. profile (Am. batterboard)
70. fixed on edge at the corner
71. intersection of strings
72. plum bob (plummet)
73. excavation side
74. upper edge board
75. lower edge board
76. foundation trench
77. navvy (Am. excavator)
78. conveyor belt (conveyor)
79. excavated earth
80. blank roadway
81. tree guard
82. shovel bucket (bucket)
83. 91 plastering
84. plasterer
85. mortar trough
86. screen
87. ladder scaffold
88. standard ladder
89. boards (planks, platform)
90. diagonal struts (diagonal brace)
91. railing
92. guard netting
93. rope-pulley hoist
1 carpenter's yard
2 stack of boards (planks)
3 yard (Am. lumber)
4 timber shed
5 workshop door
6 handcart
7 timber truss
8 window frame (topping out)
9 window (Am. window frame)
10 set of carpenter's tools
11 electric drill
12 dowel hole
13 mark for the dowel hole
14 beam (Am. trestle)
15 beam mounted on a trestle
16 set of carpenter's tools
17 mortise (chain cutter)
18 trestle (horse)
19 tool mounted on a trestle
20 tool (Am. broadax)
21 chisel
22 mortise axe (mortice axe, Am. mortise ax)
23 axe (Am. ax)
24 carpenter's hammer
25 claw head (nail claw)
26 folding rule
27 carpenter's pencil
28 iron square
29 ruler (drawknife)
30 ruler (drawknife)
31 skew
32 mitre square (Am. miter square, miter angle)
33 window sill (window sill)
34 cornice
35 roundwood (round timber)
36 floorboards
37 flooring (flooring)
38 ceiling joist (ceiling beam, main beam)
39 wall joist
40 wall plate
41 trimmer (trimmer joist, Am. header, header joist)
42 dragon beam (dragon piece)
43 false floor (inserted floor)
44 floor filling (of breeze, loam, etc.)
45 fillet (clear)
46 stair well (well)
47 chimney
48 framed partition (framed wall)
<table>
<thead>
<tr>
<th>1-26</th>
<th>styles and parts of roofs</th>
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<tbody>
<tr>
<td>1</td>
<td>gable roof (saddle roof,</td>
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<tr>
<td></td>
<td>saddleshade roof)</td>
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<tr>
<td>2</td>
<td>ridge</td>
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<td>3</td>
<td>verge</td>
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<td>4</td>
<td>eaves</td>
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<td>5</td>
<td>gable</td>
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<td>6</td>
<td>dormer window (dormer)</td>
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<tr>
<td>7</td>
<td>pent roof (shed roof, lean-to roof)</td>
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<td>8</td>
<td>skylight</td>
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<td>9</td>
<td>fire gable</td>
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<td>10</td>
<td>hip (hipped) roof</td>
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<td>11</td>
<td>hip end</td>
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<td>12</td>
<td>hip (arise)</td>
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<tr>
<td>13</td>
<td>hip (hipped) dormer window</td>
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<tr>
<td>14</td>
<td>ridge turret</td>
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<tr>
<td>15</td>
<td>valley (roof valley)</td>
</tr>
<tr>
<td>16</td>
<td>hipped-gable roof (jerkin head roof)</td>
</tr>
<tr>
<td>17</td>
<td>partial hip (partial hipped) end</td>
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<tr>
<td>18</td>
<td>mansard roof (Am. gambrel roof)</td>
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<td>19</td>
<td>mansard dormer window</td>
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<td>20</td>
<td>sawtooth roof</td>
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<tr>
<td>21</td>
<td>north light</td>
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<td>22</td>
<td>brolch roof</td>
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<tr>
<td>23</td>
<td>dormitch roof</td>
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<td>24</td>
<td>conical breach roof</td>
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<td>25</td>
<td>imperial dome (imperial roof)</td>
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<tr>
<td>26</td>
<td>weather vane</td>
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<table>
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<tr>
<th>27-83</th>
<th>roof structures of timber</th>
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<tr>
<td>27</td>
<td>rafter roof</td>
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<tr>
<td>28</td>
<td>rafter</td>
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<tr>
<td>29</td>
<td>roof beam</td>
</tr>
<tr>
<td>30</td>
<td>diagonal tie (cross tie, sprocket piece, cocking piece)</td>
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<tr>
<td>31</td>
<td>arris fillet (tilting fillet)</td>
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<td>32</td>
<td>outer wall</td>
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<tr>
<td>33</td>
<td>beam head</td>
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<td>34</td>
<td>collar beam roof (trussed-rafter roof)</td>
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<td>35</td>
<td>collar beam (collar)</td>
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<tr>
<td>36</td>
<td>rafter</td>
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<tr>
<td>37</td>
<td>struted collar beam roof structure</td>
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<tr>
<td>38</td>
<td>collar beams</td>
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<tr>
<td>39</td>
<td>purlin</td>
</tr>
<tr>
<td>40</td>
<td>post (stile, stud)</td>
</tr>
<tr>
<td>41</td>
<td>brace</td>
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<tr>
<td>42</td>
<td>unstrutted (king pin) roof structure</td>
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<tr>
<td>43</td>
<td>ridge purlin</td>
</tr>
<tr>
<td>44</td>
<td>inferior purlin</td>
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<td>45</td>
<td>rafter head (rafter end)</td>
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<tr>
<td>46</td>
<td>purlin roof with queen post and pointing sill</td>
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</tbody>
</table>

| 47    | pointing sill             |
| 48    | ridge beam (ridge board)  |
| 49    | simple tie                |
| 50    | double tie                |
| 51    | purlin                    |
| 52    | purlin roof structure with queen post |
| 53    | tie beam                  |
| 54    | joist (ceiling joist)     |
| 55    | principal rafter          |
| 56    | common rafter             |
| 57    | angle brace (angle tie)   |
| 58    | brace (strut)             |
| 59    | tie                       |
| 60    | hip (hipped) roof with purlin roof structure |
| 61    | jack rafter               |
| 62    | hip rafter                |
| 63    | jack rafter               |
| 64    | valley rafter             |
| 65    | queen truss               |
| 66    | main beam                 |
| 67    | summer (summer beam)      |
| 68    | queen post (truss post)    |
| 69    | brace (strut)             |
| 70    | collar beam (collar)      |
| 71    | trimmer (Am. header)      |
| 72    | solid-web girder          |
| 73    | lower chord               |
| 74    | upper chord               |
| 75    | boarding                  |
| 76    | purlin                    |
| 77    | supporting outer wall     |
| 78    | roof truss                |
| 79    | lower chord               |
| 80    | upper chord               |
| 81    | post                      |
| 82    | brace (strut)             |
| 83    | support                   |
| 84-98 | timber joints             |
| 84    | mortise (mortice) and tenon joint |
| 85    | forked mortise (mortice) and tenon joint |
| 86    | halving (halved) joint    |
| 87    | simple scarf joint        |
| 88    | oblique scarf joint       |
| 89    | dovetail halving          |
| 90    | single skew notch         |
| 91    | double skew notch         |
| 92    | wooden nail               |
| 93    | pin                       |
| 94    | clout nail (clout)        |
| 95    | wire nail                 |
| 96    | hardwood wedges           |
| 97    | cramp iron (timber dog, dog) |
| 98    | bolt                      |
1 glazier's workshop
2 frame wood samples (frame samples)
3 frame wood
4 mitre joint (mitre, Am. miter joint, miter)
5 sheet glass; kinds: window glass, frosted glass, patterned glass, crystal plate glass, thick glass, milk glass, laminated glass (safety glass, shatterproof glass)
6 cast glass; kinds: stained glass, ornamental glass, raw glass, bull's-eye glass, wired glass, line glass (lined glass)
7 mitring (Am. mitering) machine
8 glassworker (e.g. building glazier, glazier, decorative glass worker)
9 glass holder
10 piece of broken glass
11 lead hammer
12 lead knife
13 came (lead came)
14 leaded light

15 workbench
16 pane of glass
17 putty
18 glazier's hammer
19 glass pliers
20 glazier's square
21 glazier's rule
22 glazier's beam compass
23 eyelet
24 glazing spring
25-26 glass cutters
25 diamond glass cutter
26 steel-wheel (steel) glass cutter
27 putty knife
28 pin wire
29 panel pin
30 mitre (Am. miter) block (mitre box) [with saw]
31 mitre (Am. miter) shoot (mitre board)

1 metal shears (tinner's snips, Am. tinner's shears)
2 elbow snips (angle shears)
3 gib
4 lapping plate
5-7 propane soldering apparatus
5 propane soldering iron, a hatchet iron
6 soldering stone, a sal-ammoniac block
7 soldering fluid (flux)
8 beading iron for forming reinforcement beading
9 angled reamer
10 workbench (bench)
11 beam compass (trammel, Am. beam trammel)
12 electric hand die
13 hollow punch
14 chamfering hammer
15 beading swage (beading hammer)
16 abrasive-wheel cutting-off machine
17 plumber
18 mallet
19 mandrel
20 socket (tinner's socket)
21 block
22 anvil
23 stake
24 circular saw (buzz saw)
25 flanging, swaging, and wiring machine
26 sheet shears (guillotine)
27 screw-cutting machine (thread-cutting machine, die stocks)
28 pipe-bending machine (bending machine, pipe bender)
29 welding transformer
30 bending machine (rounding machine) for shaping funnels
1-33 cooper's and tank construction engineer's workshops

1 tank
2 circumference made of staves (staved circumference)
3 iron rod
4 turnbuckle
5 barrel (cask)
6 body of barrel (of cask)
7 bunghole
8 band (hoop) of barrel
9 barrel stave
10 barrelhead (heading)
11 cooper
12 trussier
13 drum
14 gas welding torch
15 staining vat, made of thermoplastics
16 iron reinforcing bands
17 storage container, made of glass fibre (Am. glass fiber) reinforced polyester resin
18 manhole
19 manhole cover with handwheel
20 flange mount
21 flange-type stopcock
22 measuring tank
23 shell (circumference)
24 shrink ring
25 hot-air gun
26 roller made of glass fibre (Am. glass fiber) reinforced synthetic resin
27 cylinder
28 flange
29 glass cloth
30 grooved roller
31 lambskin roller
32 ladle for testing viscosity
33 measuring vessel for hardener

1-25 furrier's workroom
1 furrier
2 steam spray gun
3 steam iron
4 beating machine
5 cutting machine for letting out furskins
6 uncut furskin
7 let-out strips (let-out sections)
8 fur worker
9 fur-sewing machine
10 blower for letting out
11-21 furskins
11 mink skin
12 fur side
13 leather side
14 cut furskin
15 lynx skin before letting out
16 let-out lynx skin
17 fur side
18 leather side
19 let-out mink skin
20 lynx fur, sewn together (sewn)
21 broadtail
1-73 joiner's workshop
1-28 joiner's tools
1 wood rasp
2 wood file
3 compass saw (keyhole saw)
4 saw handle
5 [square-headed] mallet
6 try square
7-11 chisels
7 bevelled-edge chisel (chisel)
8 mortise (mortice) chisel
9 gouge
10 handle
11 framing chisel (cant chisel)
12 glue pot in water bath
13 glue pot (glue well), an insert for joiner's glue
14 hand screw
15-28 planes
15 smoothing plane
16 jack plane
17 tooting plane
18 handle (toat)
19 wedge
20 plane iron (cutter)
21 mouth
22 sole
23 side
24 stock (body)
25 rebate (rabbet) plane
26 router plane (old woman's tooth)
27 spokeshave
28 compass plane
29-37 woodworker's bench
29 foot
30 front vice (Am. vise)
31 vice (Am. vise) handle
32 vice (Am. vise) screw
33 jaw
34 bench top
35 well
36 bench stop (bench holdfast)
37 tail vice (Am. vise)
38 cabinet maker (joiner)
39 trying plane
40 shavings
41 wood screw
42 saw set
43 mitre (Am. miter) box
44 tenon saw
45 thicknesser (thickening machine)
46 thicknessing table with rollers
47 kick-back guard
48 chip-extractor opening
49 chain mortising machine (chain mortiser)
50 endless mortising chain
51 clamp (work clamp)
52 knot hole moulding (Am. molding) machine
53 knot hole cutter
54 quick-action chuck
55 hand lever
56 change-gear handle
57 sizing and edging machine
58 main switch
59 circular-saw (buzz saw) blade
60 height (rise and fall) adjustment wheel
61 V-way
62 framing table
63 extension arm (arm)
64 trimming table
65 fence
66 fence adjustment handle
67 clamp lever
68 board-sawing machine
69 swivel motor
70 board support
71 saw carriage
72 pedal for raising the transport rollers
73 block board
1 veneer-peeling machine (peeling machine, peeler)
2 veneer
3 veneer-splicing machine
4 nylon-thread cop
5 sewing mechanism
6 dowel hole boring machine (dowel hole borer)
7 boring motor with hollow-shaft boring bit
8 clamp handle
9 clamp
10 clamping shoe
11 stop bar
12 edge sander (edge-sanding machine)
13 tension roller with extension arm
14 sanding belt regulator (regulating handle)
15 endless sanding belt (sand belt)
16 belt-tensioning lever
17 canting table (tilting table)
18 belt roller
19 angling fence for mitres (Am. miters)
20 opening dust hood
21 rise adjustment of the table
22 rise adjustment wheel for the table
23 clamping screw for the table rise adjustment
24 console
25 foot of the machine
26 edge-veneering machine
27 sanding wheel
28 sanding dust extractor
29 splicing head
30 single-belt sanding machine (single-belt sander)
31 belt guard
32 handwheel cover
33 extractor fan (exhaust fan)
34 frame-sanding pad
35 sanding table
36 fine adjustment
37 fine cutter and jointer
38 saw carriage
39 trailing cable hanger (trailing cable support)
40 air extractor pipe
41 rail
42 frame-clamping (frame-clamping) machine
43 frame stand
44 workpiece, a window frame
45 compressed-air line
46 pressure cylinder
47 pressure foot
48 frame-mounting device
49 rapid-veneer press
50 bed
51 press
52 pressure piston
1-34 tool cupboard (tool cabinet) for do-it-yourself work
1 smoothing plane
2 set of fork spanners (fork wrenches, open-end wrenches)
3 hacksaw
4 screwdriver
5 cross-point screwdriver
6 saw rasp
7 hammer
8 wood rasp
9 roughing file
10 small vise (Am. vise)
11 pipe wrench
12 multiple pliers
13 pincers
14 all-purpose wrench
15 wire stripper and cutter
16 electric drill
17 hacksaw
18 plaster cup
19 soldering iron
20 tin-lead solder wire
21 lamb's wool polishing bonnet
22 rubber backing disc (disk)
23 grinding wheel
24 wire wheel brush
25 sanding discs (disks)
26 try square
27 hand saw
28 universal cutter
29 spirit level
30 turner's chisel
31 centre (Am. center) punch
32 nail punch
33 folding rule (rule)
34 storage box for small parts
35 tool box
36 woodworking adhesive
37 stripping knife
38 adhesive tape
39 storage box with compartments for nails, screws, and plugs
40 machinist's hammer
41 collapsible workbench (collapsible bench)
42 jig
43 electric percussion drill (electric hammer drill)
44 pistol grip
45 side grip
46 gearshift switch
47 handle with depth gauge (Am. gage)
48 chuck
49 twist bit (twist drill)
50-55 attachments for an electric drill
50 combined circular saw (buzz saw) and bandsaw
51 wood-turning lathe
52 circular saw attachment
53 orbital sanding attachment (orbital sander)
54 drill stand
55 hedge-trimming attachment (hedge trimmer)
56 soldering gun
57 soldering iron
58 high-speed soldering iron
59 upholstery, upholstering an armchair
60 fabric (material) for upholstery
61 do-it-yourself enthusiast
1-26 turnery (turner’s workshop)
1 wood-turning lathe (lathe)
2 lathe bed
3 starting resistance (starting resistor)
4 gearbox
5 tool rest
6 chuck
7 tailstock
8 centre (Am. center)
9 driving plate with pin
10 two-jaw chuck
11 live centre (Am. center)
12 fretsaw
13 fretsaw blade
14, 15, 24 turning tools
14 thread chaser, for cutting threads in wood
15 gauge, for rough turning
16 spoon bit (shell bit)
17 hollowing tool
18 outside calliper (caliper)
19 turned work (turned wood)
20 master turner (turner)
21 [piece of] rough wood
22 drill
23 inside calliper (caliper)
24 parting tool
25 glass paper (sandpaper, emery paper)
26 shavings

1-40 basket making (basketry, basketwork)
1-4 weaves (strokes)
1 randing
2 rib randing
3 oblique randing
4 randing, a piece of wickerwork (screen work)
5 weaver
6 stake
7 workboard; also: lapboard
8 screw block
9 hole for holding the block
10 stand
11 chip basket (spale basket)
12 chip (spale)
13 soaking tub
14 willow stakes (osier stakes)
15 willow rods (osier rods)
16 basket, a piece of wickerwork (basketwork)
17 border
18 woven side
19 round base
20 woven base
21 slath
22-24 covering a frame
22 frame
23 end
24 rib
25 upset
26 grass; kinds: esparto grass, alfalfa grass
27 rush (bulrush, reed mace)
28 reed
29 raffia (basi)
30 straw
31 bamboo cane
32 rattan (ratan) chair cane
33 basket maker
34 bending tool
35 cutting point (bodkin)
36 rapping iron
37 pincers
38 picking knife
39 shave
40 hacksaw
139 Hammer Forging (Smith Forging) and Drop Forging

1 continuous furnace with grid hearth for annealing of round stock
2 discharge opening (discharge door)
3 gas burners
4 charging door
5 counterblow hammer
6 upper ram
7 lower ram
8 ram guide
9 hydraulic drive
10 column
11 short-stroke drop hammer
12 ram (tup)
13 upper die block
14 lower die block
15 hydraulic drive
16 frame
17 anvil
18 forging and sizing press
19 standard
20 table
21 disc (disk) clutch
22 compressed-air pipe
23 solenoid valve
24 air-lift gravity hammer (air-lift drop hammer)
25 drive motor
26 hammer (tup)
27 foot control (foot pedal)
28 preshaped (blocked) workpiece
29 hammer guide
30 hammer cylinder
31 anvil
32 mechanical manipulator to move the workpiece in hammer forging
33 dogs
34 counterweight
35 hydraulic forging press
36 crown
37 cross head
38 upper die block
39 lower die block
40 anvil
41 hydraulic piston
42 pillar guide
43 rollover device
44 burden chain (chain sling)
45 crane hook
46 workpiece
47 gas furnace (gas-fired furnace)
1-22 metalwork shop (mechanic's workshop, fitter's workshop, locksmith's workshop)
1 metalworker (e.g. mechanic, fitter, locksmith; form. also: wrought-iron craftsman)
2 parallel-jaw vice (Am. vise)
3 jaw
4 screw
5 handle
6 workpiece
7 workbench (bench)
8 files (kinds: rough file, smooth file, precision file)
9 hacksaw
10 leg vise (Am. vise), a spring vise
11 muffle furnace, a gas-fired furnace
12 gas pipe
13 hand brace (hand drill)
14 swage block
15 filing machine
16 file
17 compressed-air pipe
18 grinding machine (grinder)
19 grinding wheel
20 guard
21 goggles (safety glasses)
22 safety helmet
23 machinist's hammer
24 hand vise (Am. vise)
25 cape chisel (cross-cut chisel)
26 flat chisel
27 flat file
28 file cut (cut)
29 round file (also: half-round file)
30 tap wrench
31 reamer
32 die (die and stock)
33-35 key
33 stem (shank)
34 bow
35 bit

36-43 door lock, a mortise (mortice) lock
36 back plate
37 spring bolt (latch bolt)
38 tumbler
39 bolt
40 keyhole
41 bolt guide pin
42 tumbler spring
43 follower, with square hole
44 cylinder lock (safety lock)
45 cylinder (plug)
46 spring
47 pin
48 safety key, a flat key
49 lift-off hinge
50 hook-and-ride band
51 strap hinge
52 vernier caliper (caliper) gauge (Am. gage)
53 feeler gauge (Am. gage)
54 vernier depth gauge (Am. gage)
55 vernier
56 straightedge
57 square
58 breast drill
59 twist bit (twist drill)
60 screw tap (tap)
61 halves of a screw die
62 screwdriver
63 scraper (also: pointed triangle scraper)
64 centre (Am. center) punch
65 round punch
66 flat-nose pliers
67 detachable-jaw cut nippers
68 gas pliers
69 pincers
1-20 blast furnace plant
1 blast furnace, a shaft furnace
2 furnace incline (lift) for ore and flux or coke
3 skip hoist
4 charging platform
5 receiving hopper
6 bell
7 blast furnace shaft
8 smelting section
9 slag scoop
10 slag ladle
11 pig iron (crude iron, iron) runout
12 pig iron (crude iron, iron) ladle
13 downpipe
14 dust catcher, a dust-collecting machine
15 hot-blast stove
16 external combustion chamber
17 blast main
18 gas pipe
19 hot-blast pipe
20 tuyère
21-30 steelworks
21-30 Siemens-Martin open-hearth furnace
21 pig iron (crude iron, iron) ladle
22 feed runner
23 stationary furnace
24 hearth
25 charging machine
26 scrap iron charging box
27 gas pipe
28 gas regenerator chamber
29 air feed pipe
30 air regenerator chamber
31 [bottom-pouring] steel-casting ladle with stopper
32 ingot mould (Am. mold)
33 steel ingot
34-44 pig-casting machine
34 pouring end
35 metal runner
36 series (strand) of moulds (Am. molds)
37 mould (Am. mold)
38 catwalk
39 discharging chute
40 pig
41 travelling (Am. traveling) crane
42 top-pouring pig iron (crude iron, iron) ladle
43 pouring ladle lip
44 tilting device (tipping device, Am. dumping device)
45-50 oxygen-blowing converter (L-D converter, Linz-Donawitz converter)
45 conical converter top
46 mantle
47 solid converter bottom
48 fireproof lining (refractory lining)
49 oxygen lance
50 tapping hole (tap hole)
51-69 Siemens electric low-shaft furnace
51 feed
52 electrodes [arranged in a circle]
53 hustle pipe
54 runout
55-69 Thomas converter (basic Bessemer converter)
55 charging position for molten pig iron
56 charging position for lime
57 blow position
58 discharging position
59 tilting device (tipping device, Am. dumping device)
60 crane-operated ladle
61 auxiliary crane hoist
62 lime bunker
63 downpipe
64 tipping car (Am. dump truck)
65 scrap iron feed
66 control desk
67 converter chimney
68 blast main
69 wind box
1. centre (Am. center) lathe
2. headstock with gear control (geared headstock)
3. reduction drive lever
4. lever for normal and coarse threads
5. speed change lever
6. leadscrew reverse-gear lever
7. change-gear box
8. feed gearbox (Norton tumbler gear)
9. levers for changing the feed and thread pitch
10. feed gear lever (tumbler lever)
11. switch lever for right or left hand action of main spindle
12. lathe foot (footpiece)
13. leadscrew handwheel for traversing of saddle (longitudinal movement of saddle)
14. tumbler reverse lever
15. feed screw
16. apron (saddle apron, carriage apron)
17. lever for longitudinal and transverse motion
18. drop (dropping) worm (feed trip, feed tripping device) for engaging feed mechanisms
19. lever for engaging half nut of leadscrew (lever for clasp nut engagement)
20. lathe spindle
21. tool post
22. top slide (tool slide, tool rest)
23. cross slide
24. bed slide
25. coolant supply pipe
26. tailstock centre (Am. center)
27. barrel (tailstock barrel)
28. tailstock barrel clamp lever
29. tailstock
30. tailstock barrel adjusting handwheel
31. lathe bed
32. leadscrew
33. feed shaft
34. reverse shaft for right and left hand motion and engaging and disengaging
35. four-jaw chuck (four-jaw independent chuck)
36. gripping jaw
37. three-jaw chuck (three-jaw self-centering, self-centering, chuck)
38. turret lathe
39. cross slide
40. turret
41. combination toolholder (multiple turning head)
42. top slide
43. star wheel
44. coolant tray for collecting coolant and swarf
45-53 lathe tools
45. tool bit holder (clamp tip tool) for adjustable cutting tips
46. adjustable cutting tip (clamp tip) of cemented carbide or oxide ceramic
47. shapes of adjustable oxide ceramic tips
48. lathe tool with cemented carbide cutting edge
49. tool shank
50. brazed cemented carbide cutting tip (cutting edge)
51. internal facing tool (boring tool) for corner work
52. general-purpose lathe tool
53. parting (parting-off) tool
54. lathe carrier
55. driving (driver) plate
56-72 measuring instruments
56. plug gauge (Am. gage)
57. 'GO' gauging (Am. gaging)
58. 'NOT GO' gauging (Am. gaging)
59. caliper (caliper, snap) gauge (Am. gage)
60. 'GO' side
61. 'NOT GO' side
62. micrometer
63. measuring scale
64. graduated thimble
65. frame
66. spindle (screwed spindle)
67. vernier caliper (caliper) gauge (Am. gage)
68. depth gauge (Am. gage) attachment rule
69. vernier scale
70. outside jaws
71. inside jaws
72. vernier depth gauge (Am. gage)
1 universal grinding machine
2 headstock
3 wheelhead slide
4 grinding wheel
5 tailstock
6 grinding machine bed
7 grinding machine table
8 two-column planing machine
9 drive motor, direct current
   motor
10 column
11 planer table
12 cross slide (rail)
13 tool box
14 hacksaw
15 clamping device
16 saw blade
17 saw frame
18 radial (radial-arm) drilling
   machine
19 bed (base plate)
20 block for workpiece
21 pillar
22 lifting motor
23 drill spindle
24 arm
25 horizontal boring and milling
   machine
26 movable headstock
27 spindle
28 auxiliary table
29 bed
30 fixed steady
31 boring mill column
32 universal milling machine
33 milling machine table
34 table feed drive
35 switch lever for spindle rotation
   speed
36 control box (control unit)
37 vertical milling spindle
38 vertical drive head
39 horizontal milling spindle
40 end support for steadying
   horizontal spindle
41 machining centre (Am. center), a
   rotary-table machine
42 rotary (circular) indexing table
43 end mill
44 machine tap
45 shaping machine (shaper)
1-28 steam-generating station, an electric power plant
1-21 boiler house
1 coal conveyor
2 coal bunker
3 travelling-grate (Am. traveling-grate) stoker
4 coal mill
5 steam boiler, a water-tube boiler (radiant-type boiler)
6 burners
7 water pipes
8 ash pit (clinker pit)
9 superheater
10 water preheater
11 air preheater
12 gas flue
13 electrostatic precipitator
14 induced-draught (Am. induced-draft) fan
15 chimney (smokestack)
16 de-aerator
17 feedwater tank
18 boiler feed pump
19 control room

20 cable tunnel
21 cable vault
22 turbine house
23 steam turbine with alternator
24 surface condenser
25 low-pressure preheater
26 high-pressure preheater (economizer)
27 cooling-water pipe
28 control room
29-35 outdoor substation, a substation
29 busbars
30 power transformer, a mobile (transportable) transformer
31 stay poles (guy poles)
32 high-voltage transmission line
33 high-voltage conductor
34 air-blast circuit breaker (circuit breaker)
35 surge arrester (Am. lightning arrester, arrester)
36 overhead line support, a lattice steel tower
37 cross arm (traverse)

38 strain insulator
39 mobile (transportable) transformer (power transformer, transformer)
40 transformer tank
41 bogie (Am. truck)
42 oil conservator
43 primary voltage terminal (primary voltage bushing)
44 low-voltage terminals (low-voltage bushings)
45 oil-circulating pump
46 oil cooler
47 arcing horn
48 transport lug
<table>
<thead>
<tr>
<th>№</th>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-8</td>
<td>Control room</td>
<td></td>
</tr>
<tr>
<td>1-6</td>
<td>Control console (control desk)</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Control board (control panel) for the alternators</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Master switch</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Signal light</td>
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<td>4</td>
<td>Feeder panel</td>
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<td>5</td>
<td>Monitoring controls for the switching systems</td>
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<td>6</td>
<td>Controls</td>
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<td>7</td>
<td>Reactive signal panel</td>
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<td>8</td>
<td>Matrix mimic board</td>
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<td>9-18</td>
<td>Transformer</td>
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<td>9</td>
<td>Oil conservator</td>
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<td>10</td>
<td>Breather</td>
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<td>11</td>
<td>Oil gauge (Am. gage)</td>
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<td>12</td>
<td>Feed-through terminal (feed-through insulator)</td>
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<td>13</td>
<td>On-load tap changer</td>
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<td>14</td>
<td>Yoke</td>
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<td>15</td>
<td>Primary winding (primary)</td>
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<tr>
<td>16</td>
<td>Secondary winding (secondary, low-voltage winding)</td>
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<tr>
<td>17</td>
<td>Core</td>
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<td>18</td>
<td>Tap (tapping)</td>
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<tr>
<td>19</td>
<td>Transformer connection</td>
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<td>20</td>
<td>Star connection (star network, Y-connection)</td>
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<td>21</td>
<td>Delta connection (mesh connection)</td>
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<td>22</td>
<td>Neutral point</td>
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<td>23-30</td>
<td>Steam turbine, a turbogenerator unit</td>
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<td>23</td>
<td>High-pressure cylinder</td>
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<td>24</td>
<td>Medium-pressure cylinder</td>
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<td>25</td>
<td>Low-pressure cylinder</td>
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<td>26</td>
<td>Three-phase generator (generator)</td>
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<td>27</td>
<td>Hydrogen cooler</td>
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<td>28</td>
<td>Leakage steam path</td>
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<td>29</td>
<td>Jet nozzle</td>
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<td>30</td>
<td>Turbine monitoring panel with measuring instruments</td>
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<td>31</td>
<td>Automatic voltage regulator</td>
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<td>32</td>
<td>Synchro</td>
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<td>33</td>
<td>Cable box</td>
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<td>34</td>
<td>Conductor</td>
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<td>35</td>
<td>Feed-through terminal (feed-through insulator)</td>
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<tr>
<td>36</td>
<td>Core</td>
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<tr>
<td>37</td>
<td>Casing</td>
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<td>38</td>
<td>Filling compound (filler)</td>
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<td>39</td>
<td>Lead sheath</td>
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<td>40</td>
<td>Lead-in tube</td>
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<tr>
<td>41</td>
<td>Cable</td>
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<tr>
<td>42</td>
<td>High voltage cable, for three-phase current</td>
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<tr>
<td>43</td>
<td>Conductor</td>
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<tr>
<td>44</td>
<td>Metallic paper (metallized paper)</td>
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<td>45</td>
<td>Tracer (tracer element)</td>
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<td>46</td>
<td>Varnished-cambric tape</td>
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<td>47</td>
<td>Lead sheath</td>
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<td>48</td>
<td>Asbestos paper</td>
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<td>49</td>
<td>Jute serving</td>
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<tr>
<td>50</td>
<td>Steel tape or steel wire armour (Am. armor)</td>
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<tr>
<td>51-62</td>
<td>Air-blast circuit breaker, a circuit breaker</td>
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<tr>
<td>51</td>
<td>Compressed-air tank</td>
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<td>52</td>
<td>Control valve (main operating valve)</td>
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<td>53</td>
<td>Compressed-air inlet</td>
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<td>54</td>
<td>Support insulator, a hollow porcelain supporting insulator</td>
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<td>55</td>
<td>Interrupter</td>
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<td>56</td>
<td>Resistor</td>
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<td>57</td>
<td>Auxiliary contacts</td>
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<td>58</td>
<td>Current transformer</td>
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<td>59</td>
<td>Voltage transformer (potential transformer)</td>
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<tr>
<td>60</td>
<td>Operating mechanism housing</td>
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<td>61</td>
<td>Arcing horn</td>
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<tr>
<td>62</td>
<td>Spark gap</td>
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</tbody>
</table>
1 sawmill
2 vertical frame saw (Am. gang mill)
3 saw blades
4 feed roller
5 guide roller
6 fluting (grooving, grooves)
7 oil pressure gauge (Am. gage)
8 saw frame
9 feed indicator
10 log capacity scale
11 auxiliary carriage
12 carriage
13 log grips
14 remote control panel
15 carriage motor
16 truck for splinters (splints)
17 endless log chain (Am. jack chain)
18 stop plate
19 log-kicker arms
20 cross conveyor
21 washer (washing machine)
22 cross chain conveyor for sawn timber
23 roller table
24 undercut swing saw
25 piling
26 roller trestles
27 gantry crane
28 crane motor
29 pivoted log grips
30 roundwood (round timber)
31 log dump
32 squared timber store
33 sawn logs
34 planks
35 boards (planks)
36 squared timber
37 stack bearer
38 automatic cross-cut chain saw
39 log grips
40 feed roller
41 chain-tensioning device
42 saw-sharpening machine
43 grinding wheel (teeth grinder)
44 feed pawl
45 depth adjustment for the teeth grinder
46 lifter (lever) for the grinder chuck
47 holding device for the saw blade
48 horizontal bandsaw for sawing logs
49 height adjustment
50 chip remover
51 chip extractor
52 carriage
53 bandsaw blade
54 automatic blocking saw
55 feed channel
56 discharge opening
57 twin edger (double edger)
58 breadth scale (width scale)
59 kick-back guard
60 height scale
61 in-feed scale
62 indicator lamps
63 feed table
64 undercut swing saw
65 automatic hold-down with protective hood
66 foot switch
67 distribution board (panelboard)
68 length stop
1 quarry, an open-cast working
2 overburden
3 working face
4 loose rock pile (blasted rock)
5 quarryman (quarrier), a quarry worker
6 sledge hammer
7 wedge
8 block of stone
9 driller
10 safety helmet
11 hammer drill (hard-rock drill)
12 borehole
13 universal excavator
14 large-capacity truck
15 rock face
16 inclined hoist
17 primary hoist
18 stone-crushing plant
19 coarse rotary (gyratory) crusher; sim. fine rotary (gyratory) crusher
20 hammer crusher (impact crusher)
21 vibrating screen
22 screenings (fine dust)
23 stone chippings
24 crushed stone
25 shot firer
26 measuring rod
27 blasting cartridge
28 fuse (blasting fuse)
29 plugging sand (stemming sand) bucket
30 dressed stone
31 pick
32 crowbar (pinch bar)
33 fork
34 stonemason
35-38 stonemason's tools
39 stonemason's hammer
36 mallet
37 drove chisel (dove, boaster, broad chisel)
38 dressing axe (Am. ax)

1 clay pit
2 loam, an impure clay (raw clay)
3 overburden excavator, a large-scale excavator
4 narrow-gauge (Am. narrow-gage) track system
5 inclined hoist
6 souring chambers
7 box feeder (feeder)
8 edge runner mill (edge mill, pan grinding mill)
9 rolling plant
10 double-shaft trough mixer (mixer)
11 extrusion press (brick-pressing machine)
12 vacuum chamber
13 die
14 clay column
15 cutter (brick cutter)
16 unfired brick (green brick)
17 drying shed
18 mechanical finger car (stacker truck)
19 circular kiln (brick kiln)
20 solid brick (building brick)
21-22 perforated bricks and hollow blocks
21 perforated brick with vertical perforations
22 hollow clay block with horizontal perforations
23 hollow clay block with vertical perforations
24 floor brick
25 compass brick (radial brick, radiating brick)
26 hollow flooring block
27 paving brick
28 cellular brick [for fireplaces] (chimney brick)
1 grinding cylinder (ball mill) for the preparation of the raw material in water
2 sample saggar (saggare, seggar), with aperture for observing the firing process
3 bottle kiln (beehive kiln) [diagram]
4 firing mould (Am. mold)
5 tunnel kiln
6 Seger cone (pyrometric cone, Am. Orton cone) for measuring high temperatures
7 de-airing pug mill (de-airing pug press), an extrusion press
8 clay column
9 thrower throwing a ball (bat) of clay
10 slug of clay
11 turntable; sim.: potter's wheel
12 filter press
13 filter cake
14 jiggering, with a profiling tool; sim.: jollying
15 plaster mould (Am. mold) for slip casting
16 turntable glazing machine
17 porcelain painter (china painter)
18 hand-painted vase
19 reparer
20 pallet (modelling, Am. modeling, tool)
21 shards (sherds, potsherds)
1-20 sheet glass production (flat glass production)
1 glass furnace (tank furnace) for the Fourcault process [diagram]
2 filling end, for feeding in the batch (frit)
3 melting bath
4 refining bath (fining bath)
5 working baths (working area)
6 burners
7 drawing machines
8 Fourcault glass-drawing machine
9 slot
10 glass ribbon (ribbon of glass, sheet of glass) being drawn upwards
11 rollers (drawing rolls)
12 float glass process
13 batch (frit) feeder (funnel)
14 melting bath
15 cooling tank
16 float bath in a protective inert-gas atmosphere
17 molten tin
18 annealing lehr
19 automatic cutter
20 stacking machines
21 IS (individual-section) machine, a bottle-making machine
22-37 blowing processes
22 blow-and-blow process
23 introduction of the gob of molten glass
24 first blowing
25 suction
26 transfer from the parison mould (Am. mold) to the blow mould (Am. mold)
27 reheating
28 blowing (suction, final shaping)
29 delivery of the completed vessel
30 press-and-blow process
31 introduction of the gob of molten glass
32 plunger
33 pressing
34 transfer from the press mould (Am. mold) to the blow mould (Am. mold)
35 reheating
36 blowing (suction, final shaping)
37 delivery of the completed vessel
38-47 glassmaking (glassblowing, glassblowing by hand, glass forming)
38 glassmaker (glassblower)
39 blowing iron
40 gob
41 hand-blown goblet
42 clappers for shaping the base (foot) of the goblet
43 trimming tool
44 tongs
45 glassmaker's chair (gaffer's chair)
46 covered glasshouse pot
47 mould (Am. mold), into which the parison is blown
48-55 production of glass fibre (Am. glass fiber)
48 continuous filament process
49 glass furnace
50 bushing containing molten glass
51 bushing tips
52 glass filaments
53 sizing
54 strand (thread)
55 spool
56-58 glass fibre (Am. glass fiber) products
56 glass yarn (glass thread)
57 sleeved glass yarn (glass thread)
58 glass wool
1-13 supply of cotton
1 ripe cotton boll
2 full cop (cop wound with wet yarn)
3 compressed cotton bale
4 jute wrapping
5 steel band
6 identification mark of the bale
7 bale opener (bale breaker)
8 cotton-feeding brattice
9 cotton feed
10 dust extraction fan
11 duct to the dust-collecting chamber
12 drive motor
13 conveyer brattice
14 double scutching (machine with two scutchers)
15 lap cradle
16 rack head
17 starting handle
18 handwheel, for raising and lowering the rack head
19 movable lap-turner
20 calender rollers
21 cover for the perforated cylinders
22 dust escape flue (dust discharge flue)
23 drive motors (beater drive motors)
24 beater driving shaft
25 three-blade beater (Kirschner beater)
26 grid (for impurities to drop)
27 pedal roller (pedal cylinder)
28 control lever for the pedal roller, a pedal lever
29 variable change-speed gear
30 cone drum box
31 stop and start levers for the hopper
32 wooden hopper delivery roller
33 hopper feeder
34 carding machine (card, carding engine)
35 card can (carding can), for receiving the coiled sliver
36 can holder
37 calender rollers
38 carded sliver (card sliver)
39 vibrating doffer comb
40 start-stop lever
41 grinding-roller bearing
42 doffer
43 cylinder
44 flat clearer
45 flats
46 supporting pulleys for the flats
47 scutching lap (carded lap)
48 scutching lap holder
49 drive motor with flat belt
50 main drive pulley (fast-and-loose drive pulley)
51 principle of the card (of the carding engine)
52 fluted feed roller
53 licker-in (taker-in, licker-in roller)
54 licker-in underhousing
55 cylinder underhousing
56 combing machine (comber)
57 drive gearbox (driving gear)
58 laps ready for combing
59 calender rollers
60 combing draw box
61 combing counter
62 calender top
63 principle of the combing machine
64 lap
65 bottom nipper
66 top nipper
67 top comb
68 combing cylinder
69 plain part of the cylinder
70 needle part of the cylinder
71 detaching rollers
72 carded and combed sliver
1 draw frame
2 gearbox with built-in motor
3 sliver car
4 broken thread detector roller
5 doubling of the slivers
6 stopping handle
7 draw frame cover
8 indicator lamps (signal lights)
9 simple four-roller draw frame [diagram]
10 bottom rollers (lower rollers), fluted steel rollers
11 top roller (upper rollers) covered with synthetic rubber
12 doubled slivers before drafting
13 thin sliver after drafting
14 high-draft system (high-draft draw frame) [diagram]
15 feeding-in of the sliver
16 leather apron (composition apron)
17 guide bar
18 light top roller (guide roller)
19 high-draft speed frame (fly frame, slubbing frame)
20 sliver cans
21 feeding of the slivers to the drafting rollers
22 drafting rollers with top clearers
23 roving bobbins
24 fly frame operator (operative)
25 flyer
26 frame end plate
27 intermediate yarn-forming frame
28 bobbin creel (creel)
29 roving emerging from the drafting rollers
30 lifter rail (separating rail)
31 spindle drive
32 stopping handle
33 gearbox, with built-on motor
34 ring frame (ring spinning frame)
35 three-phase motor
36 motor base plate (bedplate)
37 lifting bolt (for motor removal)
38 control gear for spindle speed
39 gearbox
40 change wheels for varying the spindle speed [to change the yarn count]
41 full creel

42 shafts and levers for raising and lowering the ring rail
43 spindles with separators
44 suction box connected to the front roller underclearers
45 standard ring spindle
46 spindle shaft
47 roller bearing
48 wharve (pulley)
49 spindle catch
50 spindle rail
51 ring and traveller (Am. traveler)
52 top of the ring tube (of the bobbin)
53 yarn (thread)
54 ring fitted into the ring rail
55 traveller (Am. traveler)
56 yarn wound onto the bobbin
57 doubling frame
58 creel, with cross-wound cheeses
59 delivery rollers
60 bobbins of doubled yarn
1-57 processes preparatory to weaving
1 cone-winding frame
2 travelling (Am. traveling) blower
3 guide rail, for the travelling (Am. traveling) blower
4 blowing assembly
5 blower aperture
6 superstructure for the blower rail
7 full-cone indicator
8 cross-wound cone
9 cone creel
10 grooved cylinder
11 guiding slot for cross-winding the threads
12 side frame, housing the motor
13 tension and slab-catching device
14 off-end framing with filter
15 yarn package, a ring tube or mule cop
16 yarn package container
17 starting and stopping lever
18 self-threading guide
19 broken thread stop motion
20 thread clearer
21 weighting disc (disk) for tensioning the thread
22 warping machine
23 fan
24 cross-wound cone
25 creel
26 adjustable comb
27 warping machine frame
28 yarn length recorder
29 warp beam
30 beam flange
31 guard rail
32 driving drum (driving cylinder)
33 belt drive
34 motor
35 release for starting the driving drum
36 screw for adjusting the comb setting
37 drop pins, for stopping the machine when a thread breaks
38 guide bar
39 drop pin rollers
40 indigo dyeing and sizing machine
41 take-off stand
42 warp beam
43 warp
44 wetting trough
45 immersion roller
46 squeeze roller (mangle)
47 dye liquor padding trough
48 air oxidation passage
49 washing trough
50 drying cylinders for pre-drying
51 tension compensator (tension equalizer)
52 sizing machine
53 drying cylinders
54 for cotton: stenter; for wool: tenter
55 beaming machine
56 sized warp beam
57 rollers
1 weaving machine (automatic loom)
2 pick counter (tachometer)
3 shaft (heald shaft, heald frame)
guide
4 shafts (heald shafts, heald frames)
5 rotary battery for weft 
replenishment
6 sley (slay) cap
7 weft pin
8 starting and stopping handle
9 shuttle box, with shuttles
10 reed
11 selvage (selvage)
12 cloth (woven fabric)
13 temple (cloth temple)
14 electric weft-feeler
15 flywheel
16 breast beam board
17 picking stick (pick stick)
18 electric motor
19 cloth take-up motion
20 cloth roller (fabric roller)
21 can for empty pirns
22 lug strap, for moving the picking
stick
23 fuse box
24 loom framing
25 metal shuttle tip
26 shuttle
27 heald (heddle, wire heald, wire
heddle)
28 eye (eyelet, heald eyelet, heddle
eyelet)
29 eye (shuttle eye)
30 pirn
31 metal contact sleeve for the weft
feeler
32 slot for the feeler
33 spring-clip pirn holder
34 drop wire
35 weaving machine (automatic
loom) [side elevation]
36 heald shaft, guiding wheels
37 backrest
38 lease rods
39 warp (warp thread)
40 shed
41 sley (slay)
42 race board
43 stop rod blade for the stop
motion

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44 bumper steel
45 bumper steel stop rod
46 breast beam
47 cloth take-up roller
48 warp beam
49 beam flange
50 crankshaft
51 crankshaft wheel
52 connector
53 sley (slay)
54 lam rods
55 camshaft wheel
56 camshaft (tappet shaft)
57 tappet (shedding tappet)
58 treadle lever
59 let-off motion
60 beam motion control
61 rope of the warp let-off motion
62 let-off weight lever
63 control weight [for the treadle]
64 picker with leather or bakelite
pad
65 picking stick buffer
66 picking cam
67 picking bowl
68 picking stick return spring
Finishing of Textile Fabrics

1-65 finishing
1 rotary milling (fulling) machine for felting the woolen (Am. woollen) fabric
2 pressure weights
3 top milling roller (top fulling roller)
4 drive wheel of bottom milling roller (bottom fulling roller)
5 fabric guide roller
6 bottom milling roller (bottom fulling roller)
7 draft board
8 open-width scouring machine for finer fabrics
9 fabric being drawn off the machine
10 drive gearbox
11 water inlet pipe
12 drawing-in roller
13 scroll-opening roller
14 pendulum-type hydro-extractor (centrifuge), for extracting liquors from the fabric
15 machine base
16 casing over suspension
17 outer casing containing rotating cage (rotating basket)
18 hydro-extractor (centrifuge) lid
19 stop-motion device (stopping device)
20 automatic starting and braking device
21 for cotton: stenter; for wool: tenter
22 air-dry fabric
23 operator's (operative's) platform
24 feeding of fabric by guides onto stenter (tenter) pins or clips
25 electric control panel
26 initial overfeed to produce shrink-resistant fabric when dried
27 thermometer
28 drying section
29 air outlet
30 plaiter (fabric-plaiting device)
31 wire-roller fabric-raising machine for producing raised or nap surface
32 drive gearbox
33 unraised cloth
34 wire-covered rollers
35 plaiter (cutting device)
36 raised fabric
37 plating-down platform
38 rotary press (calendering machine), for press finishing
39 fabric
40 control buttons and control wheels
41 heated press bowl
42 rotary cloth-shearing machine
43 suction slot, for removing loose fibres (Am. fibers)
44 doctor blade (cutting cylinder)
45 protective guard
46 rotating brush
47 curved scrap entry
48 treadle control
49 [non-shrinking] decatizing (decating) fabric-finishing machine
50 perforated decatizing (decating) cylinder
51 piece of fabric
52 cranked control handle
53 ten-colour (Am. ten-color) roller printing machine
54 base of the machine
55 drive motor
56 blanket [of rubber or felt]
57 fabric after printing (printed fabric)
58 electric control panel (control unit)
59 screen printing
60 mobile screen frame
61 squeegee
62 pattern stencil
63 screen table
64 fabric gummed down on table ready for printing
65 screen printing operator (operative)
1-34 manufacture of continuous filament and staple fibre (Am. fiber) viscose rayon yarns by means of the viscose process
1-12 from raw material to viscose rayon
1 basic material [beech and spruce cellulose in form of sheets]
2 mixing cellulose sheets
3 caustic soda
4 steeping cellulose sheets in caustic soda
5 pressing out excess caustic soda
6 shredding the cellulose sheets
7 maturating (controlled oxidation) of the alkali-cellulose crumbs
8 carbon disulphide (Am. carbon disulfide)
9 conversion of alkali-cellulose into cellulose xanthate
10 dissolving the xanthate in caustic soda for the preparation of the viscose spinning solution
11 vacuum ripening tanks
12 filter press
13-27 from viscose to viscose rayon thread
13 metering pump
14 multi-holed spinneret (spinning jet)
15 coagulating (spinning) bath for converting (coagulating) viscose (viscous solution) into solid filaments
16 Godet wheel, a glass pulley
17 Topham centrifugal pot (box) for twisting the filaments into yarn
18 viscose rayon cake
19-27 processing of the cake
19 washing
20 desulphurizing (desulphurization, Am. desulfurizing, desulfurization)
21 bleaching
22 treating of cake to give filaments softness and suppleness
23 hydro-extraction to remove surplus moisture
24 drying in heated room
25 winding yarn from cake into cone form
26 cone-winding machine
27 viscose rayon yarn on cone ready for use
28-34 from viscose spinning solution to viscose rayon staple fibre (Am. fiber)
28 filament tow
29 overhead spray washing plant
30 cutting machine for cutting filament tow to desired length
31 multiple drying machine for cut-up staple fibre (Am. fiber) layer (lap)
32 conveyor belt (conveyor)
33 baling press
34 bale of viscose rayon ready for dispatch (despatch)
1-62 manufacture of polyamide (nylon 6, perlon) fibres (Am. fibers)
1 coal raw material for manufacture of polyamide (nylon 6, perlon) fibres (Am. fibers)
2 coking plant for dry coal distillation
3 extraction of coal tar and phenol
4 gradual distillation of tar
5 condenser
6 benzene extraction and dispatch (despatch)
7 chlorination
8 benzene chlorination
9 monochlorobenzene (chlorobenzene)
10 caustic soda solution
11 evaporation of chlorobenzene and caustic soda
12 autoclave
13 sodium chloride (common salt), a by-product
14 phenol (carbolic acid)
15 hydrogen inlet
16 hydrogenation of phenol to produce raw cyclohexanol
17 distillation
18 pure cyclohexanol
19 oxidation (dehydrogenation)
20 formation of cyclohexanone (primeketone)
21 hydroxyamine inlet
22 formation of cyclohexanoxime
23 addition of sulphuric acid (Am. sulfuric acid) to effect molecular rearrangement
24 ammonia to neutralize sulphuric acid (Am. sulfuric acid)
25 formation of caprolactam oil
26 ammonium sulphate (Am. ammonium sulfate) solution
27 cooling cylinder
28 caprolactam
29 weighing apparatus
30 melting pot
31 pump
32 filter
33 polymerization in the autoclave
34 cooling of the polyamide
35 solidification of the polyamide
36 vertical lift (Am. elevator)

37 extractor for separating the polyamide from the remaining lactam oil
38 drier
39 dry polyamide chips
40 chip container
41 top of spinneret for melting the polyamide and forcing it through spinneret holes (spinning jets)
42 spinneret holes (spinning jets)
43 solidification of the polyamide filaments in the cooling tower
44 collection of extruded filaments into thread form
45 preliminary stretching (preliminary drawing)
46 stretching (cold-drawing) of the polyamide thread to achieve high tensile strength
47 final stretching (final drawing)
48 washing of yarn packages
49 drying chamber
50 rewinding
51 polyamide cone
52 polyamide cone ready for dispatch (despatch)
53 mixer
54 polymerization under vacuum
55 stretching (drawing)
56 washing
57 finishing of tow for spinning
58 drying of tow
59 crimping of tow
60 cutting of tow into normal staple lengths
61 polyamide staple
62 bale of polyamide staple
## Weaves and Knits

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1-29 weaves [black squares: warp thread raised, weft thread lowered; white squares: weft thread raised, warp thread lowered]</td>
</tr>
<tr>
<td>2</td>
<td>plain weave (tabby weave) [weave viewed from above]</td>
</tr>
<tr>
<td>3</td>
<td>warp thread</td>
</tr>
<tr>
<td>4</td>
<td>weft thread</td>
</tr>
<tr>
<td>5</td>
<td>draft (point paper design) for plain weave</td>
</tr>
<tr>
<td>6</td>
<td>threading draft</td>
</tr>
<tr>
<td>7</td>
<td>denting draft (reed-threading draft)</td>
</tr>
<tr>
<td>8</td>
<td>raised warp thread</td>
</tr>
<tr>
<td>9</td>
<td>lowered warp thread</td>
</tr>
<tr>
<td>10</td>
<td>tie-up of shafts in pairs</td>
</tr>
<tr>
<td>11</td>
<td>threading diagram</td>
</tr>
<tr>
<td>12</td>
<td>draft for basket weave (hopsack weave, mat weave)</td>
</tr>
<tr>
<td>13</td>
<td>pattern repeat</td>
</tr>
<tr>
<td>14</td>
<td>draft for warp rib weave</td>
</tr>
<tr>
<td>15</td>
<td>section of warp rib fabric, a section through the warp</td>
</tr>
<tr>
<td>16</td>
<td>lowered weft thread</td>
</tr>
<tr>
<td>17</td>
<td>raised weft thread</td>
</tr>
<tr>
<td>18</td>
<td>first and second warp threads [raised]</td>
</tr>
<tr>
<td>19</td>
<td>third and fourth warp threads [lowered]</td>
</tr>
<tr>
<td>20</td>
<td>draft for combined rib weave</td>
</tr>
<tr>
<td>21</td>
<td>selvage (selvage) thread draft (additional shafts for the selvage)</td>
</tr>
<tr>
<td>22</td>
<td>draft for the fabric shafts</td>
</tr>
<tr>
<td>23</td>
<td>tie-up of selvage (selvage) shafts</td>
</tr>
<tr>
<td>24</td>
<td>tie-up of fabric shafts</td>
</tr>
<tr>
<td>25</td>
<td>selvage (selvage) in plain weave</td>
</tr>
<tr>
<td>26</td>
<td>section through combination rib weave</td>
</tr>
<tr>
<td>27</td>
<td>thread interlacing of reversible warp-faced cord</td>
</tr>
<tr>
<td>28</td>
<td>draft (point paper design) for reversible warp-faced cord</td>
</tr>
<tr>
<td>29</td>
<td>interlacing points</td>
</tr>
<tr>
<td>30</td>
<td>weaving draft for honeycomb weave in the fabric</td>
</tr>
<tr>
<td>31</td>
<td>30-48 basic knits</td>
</tr>
<tr>
<td>32</td>
<td>loop, an open loop</td>
</tr>
<tr>
<td>33</td>
<td>head, an open loop</td>
</tr>
<tr>
<td>34</td>
<td>head interlocking point</td>
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<tr>
<td>35</td>
<td>neck interlocking point</td>
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<tr>
<td>36</td>
<td>closed loop</td>
</tr>
<tr>
<td>37</td>
<td>mesh [with inlaid yarn]</td>
</tr>
<tr>
<td>38</td>
<td>diagonal floating yarn (diagonal floating thread)</td>
</tr>
<tr>
<td>39</td>
<td>loop interlocking at the head</td>
</tr>
<tr>
<td>40</td>
<td>float</td>
</tr>
<tr>
<td>41</td>
<td>loose floating yarn (loose floating thread)</td>
</tr>
<tr>
<td>42</td>
<td>course</td>
</tr>
<tr>
<td>43</td>
<td>inlaid yarn</td>
</tr>
<tr>
<td>44</td>
<td>tuck and miss stitch</td>
</tr>
<tr>
<td>45</td>
<td>pulled-up tuck stitch</td>
</tr>
<tr>
<td>46</td>
<td>staggered tuck stitch</td>
</tr>
<tr>
<td>47</td>
<td>2 x 2 tuck and miss stitch</td>
</tr>
<tr>
<td>48</td>
<td>double pulled-up tuck stitch</td>
</tr>
</tbody>
</table>
1 staff chest (stock chest, machine chest), a mixing chest for stuff (stock) 
2-10 laboratory apparatus (laboratory equipment) for analysing stuff (stock) and paper 
2 Erlenmeyer flask 
3 volumetric flask 
4 measuring cylinder 
5 Bunsen burner 
6 tripod 
7 petri dish 
8 test tube rack 
9 balance for measuring basis weight 
10 micrometer 
11 centrifugal cleaners ahead of the breastbox (headbox, stuff box) of a paper machine 
12 standpipe 
13-28 paper machine (production line) [diagram] 
13 feed-in from the machine chest (stuff chest) with sand table (sand trap, riffer) and knott 
14 wire (machine wire) 
15 vacuum box (suction box) 
16 suction roll 
17 first wet felt 
18 second wet felt 
19 first press 
20 second press 
21 offset press 
22 drying cylinder (drier) 
23 dry felt (drier felt) 
24 size press 
25 cooling roll 
26 calender rolls 
27 machine hood 
28 delivery reel 
29-35 blade coating machine (blade coater) 
29 raw paper (body paper) 
30 web 
31 coater for the top side 
32 infrared drier 
33 heated drying cylinder 
34 coater for the underside (wire side) 
35 reel of coated paper 
36 calender (Super-calender) 
37 hydraulic system for the press rolls 
38 calender roll 
39 unwind station 
40 lift platform 
41 rewind station (rewinder, reeler, reeling machine, reeling machine) 
42 roll cutter 
43 control panel 
44 cutter 
45 web 
46-51 papermaking by hand 
46 vatman 
47 vat 
48 mould (Am. mold) 
49 couchet (couchman) 
50 post ready for pressing 
51 felt
1 hand-setting room (hand-composing room)
2 composing frame
3 case (typecase)
4 case cabinet (case rack)
5 hand compositor (compositor, typesetter, maker-up)
6 manuscript (typescript)
7 sorts, types (type characters, characters)
8 rack (case) for furniture (spacing material)
9 standing type rack (standing matter rack)
10 storage shelf (shelf for storing forms, Am. forms)
11 standing type (standing matter)
12 galley
13 composing stick (setting stick)
14 composing rule (setting rule)
15 type (type matter, matter)
16 page cord
17 bodkin
18 tweezers
19 Linotype line-composing (line-casting, slug-composing, slug-casting) machine, a multi-magazine machine
20 distributing mechanism (distributor)
21 type magazines with matrices (matrixes)
22 elevator carrier for distributing the matrices (matrixes)
23 assembler
24 spacebands
25 casting mechanism
26 metal feeder
27 machine-set matter (cast lines, slug)
28 matrices (matrixes) for hand-setting (sorts)
29 Linotype matrix
30 teeth for the distributing mechanism (distributor)
31 face (type face, matrix)
32-45 monotype single-unit composing (typesetting) and casting machine (monotype single-unit composition caster)
33 paper tower
34 paper ribbon
35 justifying scale
36 unit indicator
37 keyboard
38 compressed-air hose
39 monotype casting machine (monotype caster)
40 automatic metal feeder
41 pump compression spring (pump pressure spring)
42 matrix case (die case)
43 paper tower
44 galley with types (letters, characters, cast single types, cast single letters)
45 electric heater (electric heating unit)
46 matrix case (die case)
47 type matrices (matrixes) (letter matrices)
48 guide block for engaging with the cross-slide guide
Alfred John Doddsley, essayist and journalist, was born in Wenlock on the 5th August 1841 and died on the 4th October 1920 in Birmingham. His father was a journeyman thatcher and as a boy Doddsley was sent to work in the fields as a bird-scarer. Having taught himself to read and write fluently — for many years the only books he possessed were a Bible and a volume of Tiltonson's sermons — he went to Shrewsbury to study. Living in extreme poverty he began to write for the East Herefordshire Gazette and a collection of his essays together with some poems on country life was published in 1868 under the title "Rural Thoughts". Among his most popular works were "The Diary of a Derbyshire Shepherd" (1872), "Rural Verses" (1879), "Leaves from a Country-man's Notebook" (1893) and "Memoirs of Nineteenth Century Shropshire", published posthumously. Doddsley also contributed many articles on country life to London papers and championed the cause of the agricultural worker during the depression of the 1880's. The latter years of his life were embittered by controversy raised by his protests against the unemployment caused by mechanised farming.

16 — He was for many years president of the Society for the Protection of the Liberties of the Farm-worker.
176 Composing Room (Case Room) III (Phototypesetting, Photocomposition, Photosetting, Filmsetting)

1 keyboard console (keyboard unit) for phototypesetting
2 keyboard
3 manuscript (copy)
4 keyboard operator
5 tape punch (perforator)
6 punched tape (punch tape)
7 filmsetter
8 punched tape (punch tape)
9 exposure control device
10 typesetting computer
11 memory unit (storage unit)
12 punched tape (punch tape)
13 punched tape (punch tape) reader
14 photo-unit (photographic unit) for computer-controlled typesetting (composition)
15 punched tape (punch tape) reader
16 type matrices (matrixes) (letter matrices)
17 matrix case (film matrix case)
18 guide block
19 synchronous motor
20 type disc (disk) (matrix disc)
21 mirror assembly
22 optical wedge
23 lens
24 mirror system
25 film
26 flash tubes
27 matrix drum
28 automatic film copier
29 central processing unit of a photocomposition system (photosetting system) for newspaper typesetting
30 punched tape (punch tape) input (input unit)
31 keyboard send-receive teleprinter (Teletype)
32 on-line disc (disk) storage unit
33 alphanumeric (alphabetic) disc (disk) store (alphabetic disc file)
34 disc (disk) stack (disc pack)
177 Photomechanical Reproduction

177 Photomechanical Reproduction

1 overhead process camera
(overhead copying camera)
2 focusing screen (ground glass screen)
3 hinged screen holder
4 graticule
5 control console
6 hinged bracket-mounted control panel
7 percentage focusing charts
8 vacuum film holder
9 screen magazine
10 bellows
11 standard
12 register device
13 overhead gantry
14 copyboard
15 copyholder
16 lamp bracket
17 xenon lamp
18 copy (original)
19 retouching and stripping desk
20 illuminated screen
21 height and angle adjustment
22 copyboard
23 linen tester, a magnifying glass
24 universal process and reproduction camera
25 camera body
26 bellows
27 lens carrier
28 angled mirror
29 stand
30 copyboard
31 halogen lamp
32 vertical process camera, a compact camera
33 camera body
34 focusing screen (ground glass screen)
35 vacuum back
36 control panel
37 flash lamp
38 mirror for right-reading images
39 scanner (colour, Am. color, correction unit)
40 base frame
41 lamp compartment
42 xenon lamp housing
43 feed motors
44 transparency arm
45 scanning drum
46 scanning head
47 mask-scanning head
48 mask drum
49 recording space
50 daylight cassette
51 colour (Am. color) computer with control unit and selective colour correction
52 engraving machine
53 seamless engraving adjustment
54 drive clutch
55 clutch flange
56 drive unit
57 machine bed
58 equipment carrier
59 bed slide
60 control panel
61 bearing block
62 tailstock
63 scanning head
64 copy cylinder
65 centre (Am. center) bearing
66 engraving system
67 printing cylinder
68 cylinder arm
69 electronics (electronic) cabinet
70 computers
71 program input
72 automatic film processor for scanner films
1 plate whirler (whirler, plate-coating machine) for coating offset plates
2 sliding lid
3 electric heater
4 temperature gauge (Am. gage)
5 water connection for the spray unit
6 spray unit
7 hand spray
8 plate clamps
9 zinc plate (also: magnesium plate, copper plate)
10 control panel
11 drive motor
12 brake pedal
13 vacuum printing frame (vacuum frame, printing-down frame)
14 base of the vacuum printing frame (vacuum frame, printing-down frame)
15 plate glass frame
16 coated offset plate
17 control panel
18 exposure timer
19 vacuum pump switch
20 support
21 point light exposure lamp, a quartz-halogen lamp
22 fan blower
23 stripping table (make-up table) for stripping films
24 crystal glass screen
25 light box
26 straightedge rules
27 vertical plate-drying cabinet
28 hygrometer
29 speed control
30 brake pedal
31 processing machine for presensitized plates
32 burning-in oven for glue-enamel plates (diazo plates)
33 control box (control unit)
34 diazo plate
1 four-colour (4c, 4-color) rotary offset press (rotary offset machine, web offset press)
2 roll of unprinted paper (blank paper)
3 reel stand for the roll of unprinted paper
4 forwarding rolls
5 side margin control (margin control, side control, side lay control)
6, 8, 10, 12 inking units (inker units) in the upper printing unit
7, 9, 11, 13 inking units (inker units) in the lower printing unit
8-9 perfecting unit (double unit) for cyan
10-11 perfecting unit (double unit) for magenta
12 perfecting unit (double unit) for black
14 drier
15 folder (folder unit)
16 control desk
17 sheet
18 four-colour (4c, 4-color) rotary offset press (rotary offset machine, web offset press) [diagram]
19 reel stand
20 side margin control (margin control, side control, side lay control)
21 inking rollers (ink rollers, inkers)
22 ink duct (ink fountain)
23 damping rollers (damping rollers, dampers, dampeners)
24 blanket cylinder
25 plate cylinder
26 route of the paper (of the web)
27 drier
28 chilling rolls (cooling rollers, chill rollers)
29 folder (folder unit)
30 four-colour (4c, 4-color) sheet-fed offset press (offset press) [diagram]
31 sheet feeder (feeder)
32 feed table (feed board)
33 route of the sheets through swing-gripers to the feed drum
34 feed drum
35 impression cylinder
36 transfer drums (transfer cylinders)
37 blanket cylinder
38 plate cylinder
39 damping unit (damping unit)
40 inking units (inker units)
41 printing unit
42 delivery cylinder
43 chain delivery
44 delivery pile
45 delivery unit (delivery mechanism)
46 single-colour (4c, single-color) offset press (offset machine)
47 pile of paper (sheets, printing paper)
48 sheet feeder (feeder), an automatic pile feeder
49 feed table (feed board)
50 inking rollers (ink rollers, inkers)
51 inking units (inker units)
52 damping rollers (damping rollers, dampers, dampeners)
53 plate cylinder, a zinc plate
54 blanket cylinder, a steel cylinder with rubber blanket
55 pile delivery unit for the printed sheets
56 gripper bar, a chain gripper
57 pile of printed paper (printed sheets)
58 guard for the V-belt (V-belt) drive
59 single-colour (4c, single-color) offset press (offset machine) [diagram]
60 inking unit (inker unit) with inking rollers (ink rollers, inkers)
61 damping unit (damping unit) with damping rollers (damping rollers, dampers, dampeners)
62 plate cylinder
63 blanket cylinder
64 impression cylinder
65 delivery cylinders with gripers
66 drive wheel
67 feed table (feed board)
68 sheet feeder (feeder)
69 pile of unprinted paper (blank paper, unprinted sheets, blank sheets)
70 small sheet-fed offset press
71 inking unit (inker unit)
72 suction feeder
73 pile feeder
74 instrument panel (control panel) with counter, pressure gauge (4c, gauge), air reameter, and control switch for the sheet feeder (feeder)
75 flat-bed offset press (offset machine) ('Mailänder' proofing press, proof press)
76 inking unit (inker unit)
77 inking rollers (ink rollers, inkers)
78 bed (press bed, type bed, forme bed, Am. form bed)
79 cylinder with rubber blanket
80 starting and stopping lever for the printing unit
81 impression setting wheel (impression adjusting wheel)
181 Letterpress Printing

1-65 presses (machines) for letterpress printing (letterpress printing machine)
1 two-revolution flat-bed cylinder press
2 impression cylinder
3 lever for raising or lowering the cylinder
4 feed table (feed board)
5 automatic sheet feeder (feeder) 
   [operated by vacuum and air blasts]
6 air pump for the feeder and delivery
7 inkling unit (inker unit) with distributing rollers (distributor rollers, distributers) and forme rollers (Am. form rollers)
8 ink slab (ink plate) inking unit 
   (inker unit)
9 delivery pile for printed paper
10 sprayer (anti set-off apparatus, anti set-off spray) for dusting the printed sheets
11 interleaving device
12 foot pedal for starting and stopping the press
13 platen press (platen machine, platen) [in section]
14 paper feed and delivery (paper feeding and delivery unit)
15 platen
16 toggle action (toggle joint action)
17 bed (type bed, press bed, forme bed, Am. form bed)
18 forme rollers (Am. form rollers) 
   (forme-inking, Am. form-inking, rollers)
19 inking unit (inker unit) for distributing the ink (printing ink)
20 stop-cylinder press (stop-cylinder machine)
21 feed table (feed board)
22 feeder mechanism (feeding apparatus, feeder)
23 pile of unprinted paper (blank paper, unprinted sheets, blank sheets)
24 guard for the sheet feeder (feeder)
25 pile of printed paper (printed sheets)
26 control mechanism
27 forme rollers (Am. form rollers) 
   (forme-inking, Am. form-inking, rollers)
28 inking unit (inker unit)
29 (Heidelberg) platen press (platen machine, platen)
30 feed table (feed board) with pile of unprinted paper (blank paper, unprinted sheets, blank sheets)
31 delivery table
32 starting and stopping lever
33 delivery blower
34 spray gun (sprayer)
35 air pump for vacuum and air blasts
36 locked-up forme (Am. form)
37 type (type matter, matter)
38 chase
39 quoin
40 length of furniture
41 rotary letterpress press 
   (rotary letterpress machine, web-fed letterpress machine) 
   for newspapers of up to 16 pages
42 slitters for dividing the width of the web
43 web
44 impression cylinder
45 jockey roller (compensating roller, compensator, tension roller)
46 roll of paper
47 automatic brake
48 first printing unit
49 perfecting unit
50 inking unit (inker unit)
51 plate cylinder
52 second printing unit
53 former
54 tachometer with sheet counter
55 folder (folder unit)
56 folded newspaper
57 inking unit (inker unit) for the rotary press (web-fed press) 
   [in section]
58 web
59 impression cylinder
60 plate cylinder
61 forme rollers (Am. form rollers)
   (forme-inking, Am. form-inking, rollers)
62 distributing rollers (distributor rollers, distributors)
63 lifter roller (ductor, ductor roller)
64 duct roller (fountain roller, ink fountain roller)
65 ink duct (ink fountain)
1 exposure of the carbon tissue (pigment paper)
2 vacuum frame
3 exposing lamp, a bank of quartz-halogen lamps
4 point source lamp
5 heat extractor
6 carbon tissue transfer machine (laydown machine, laying machine)
7 polished copper cylinder
8 rubber roller for pressing on the printed carbon tissue (pigment paper)
9 cylinder-processing machine
10 gravure cylinder coated with carbon tissue (pigment paper)
11 developing tank
12 staging
13 developed cylinder
14 retoucher painting out (stopping out)
15 etching machine
16 etching tank with etching solution (etchant, mordant)
17 printed gravure cylinder
18 gravure etcher
19 calculator dial
20 timer
21 revising (correcting) the cylinder
22 etched gravure cylinder
23 ledge
24 multicolour (*Am. multicolor*)
25 rotogravure press
26 exhaust pipe for solvent fumes
27 reversible printing unit
28 folder (folder unit)
29 control desk
30 newspaper delivery unit
31 conveyor belt (conveyor)
32 bundled stack of newspapers
1-35 hand bookbindery (hand bindery)
1 gilding the spine of the book
2 gold finisher (gilder), a bookbinder
3 fillet
4 holding press (finishing press)
5 gold leaf
6 gold cushion
7 gold knife
8 sewing (stitching)
9 sewing frame
10 sewing cord
11 ball of thread (sewing thread)
12 section (signature)
13 bookbinder's knife
14 gluing the spine
15 glue pot
16 board cutter (guillotine)
17 back gauge (Am. gage)
18 clamp with foot pedal
19 cutting blade
20 standing press, a nipping press
21 head piece (head beam)
22 spindle

23 handwheel
24 platen
25 bed (base)
26 gilding (gold blocking) and embossing press, a hand-lever press; simil.: toggle-joint press (toggle-lever press)
27 heating box
28 sliding plate
29 embossing platen
30 toggle action (toggle-joint action)
31 hand lever
32 book sewn on gauze (mull, scrim) (unbound book)
33 gauze (mull, scrim)
34 sewing (stitching)
35 headband

1-23 bookbinding machines
1 adhesive binder (perfect binder) for short runs
2 manual feed station
3 cutoff knife and roughing station
4 gluing mechanism
5 delivery (book delivery)
6 case maker (case-making machine)
7 board feed hopper
8 pickup sucker
9 glue tank
10 cover cylinder
11 picker head
12 feed table for covering materials [linen, paper, leather]
13 pressing mechanism
14 delivery table
15 gang stitcher (gathering and wire-stitching machine, gatherer and wire stitcher)
16 sheet feeder (sheet-feeding station)
17 folder-feeding station
18 stitching wire feed mechanism
19 delivery table
20 rotary board cutter (rotary board-cutting machine)
21 feed table with cut-out section
22 rotary cutter
23 feed guide
1-35 bookbinding machines
1 guillotine (guillotine cutter, automatic guillotine cutter)
2 control panel
3 clamp
4 back gauge (Am. gage)
5 calibrated pressure adjustment [to clamp]
6 illuminated cutting scale
7 single-hand control for the back gauge (Am. gage)
8 combined buckle and knife folding machine (combined buckle and knife folder)
9 feed table (feed board)
10 fold plates
11 stop for making the buckle fold
12 cross fold knives
13 belt delivery for parallel-folded signatures
14 third cross fold unit
15 delivery tray for cross-folded signatures
16 sewing machine (book-sewing machine)
17 spool holder
18 thread cop (thread spool)
19 gauze roll holder (mull roll holder, scrim roll holder)
20 gauze (mull, scrim)
21 needle cylinder with sewing needles
22 sewn book
23 delivery
24 reciprocating saddle
25 sheet feeder (feeder)
26 feed hopper
27 casing-in machine
28 joint and side pasting attachment
29 blade
30 preheater unit
31 gluing machine for whole-surface, stencil, edge, and strip gluing
32 glue tank
33 glue roller
34 feed table
35 delivery
36 book
37 dust jacket (dust cover, book jacket, wrapper), a publisher's wrapper
38 jacket flap
39 blurb
40-42 binding
40 cover (book cover, case)
41 spine (backbone, back)
42 tailband (footband)
43-47 preliminary matter (prelims, front matter)
43 half-title
44 half-title (bastard title, fly title)
45 title page
46 full title (main title)
47 subtitle
48 publisher's imprint (imprint)
49 fly leaf (endpaper, endleaf)
50 handwritten dedication
51 bookplate (ex libris)
52 open book
53 page
54 fold
55-58 margin
55 back margin (inside margin, gutter)
56 head margin (upper margin)
57 fore edge margin (outside margin, fore edge)
58 tail margin (foot margin, tail, foot)
59 type area
60 chapter heading
61 asterisk
62 footnote
63 page number
64 double-column page
65 column
66 running title (running head)
67 caption
68 marginal note (side note)
69 signature (signature code)
70 attached bookmark (attached bookmarker)
71 loose bookmark (loose bookmarker)
186 Horse-drawn Carriages

1-54 carriages (vehicles, conveyances, horse-drawn vehicles)
1 berlin
2 waggonette (larger: brake, break)
3 coupé; sim.: brougham
4 front wheel
5 coach body
6 dashboard (splashboard)
7 footboard
8 coach box (box, coachman’s seat, driver’s seat)
9 lamp (lantern)
10 window
11 door (coach door)
12 door handle (handle)
13 footboard (carriage step, coach step, step, footpiece)
14 fixed top
15 spring
16 brake (brake blank)
17 back wheel (rear wheel)
18 dogcart, a one-horse carriage
19 shafts (thills, poles)
20 lackey (lacquey, footman)
21 livery
22 braided (gallooned) collar
23 braided (gallooned) coat
24 braided (gallooned) sleeve
25 top hat
26 hackney carriage (hackney coach, cab, growler, Am. hack)
27 stableman (groom)
28 coach horse (carriage horse, cab horse, stallion, hussar)
29 hansom cab (hansom), a cabriolet, a one-horse chaise (one-horse carriage)
30 shafts (thills, poles)
31 reins (rein, Am. line)
32 coachman (driver) with inverness
33 covered char-a-banc (brake, break), a pleasure vehicle
34 gig (chaise)
35 barouche
36 landau, a two-horse carriage; sim.: landaulet, landaulette
37 omnibus (horse-drawn omnibus)
38 phaeton

39 Continental stagecoach (mailcoach, diligence); also: road coach
40 mailcoach driver
41 posthorn
42 hood
43 post horses (relay horses, relays)
44 tilbury
45 troika (Russian three-horse carriage)
46 leader
47 wheeler (wheelhorse, pole horse)
48 English buggy
49 American buggy
50 tandem
51 vis-à-vis
52 collapsible hood (collapsible top)
53 mailcoach (English stagecoach)
54 covered (closed) chaise
1 bicycle (cycle, coll. bike, Am. wheel), a gent's bicycle, a touring bicycle (touring cycle, roadster)
2 handlebar (handlebars), a touring cycle handlebar
3 handlebar grip (handgrip, grip)
4 hand brake (front brake), a rim brake
5 lamp bracket
6 headlamp (bicycle lamp)
7 dynamo
8 pulley
10-12 front forks
10 handlebar stem
11 steering head
12 fork blades (fork ends)
13 front mudguard (Am. front fender)
14-20 bicycle frame
14 steering tube (fork column)
15 head badge
16 crossbar (top tube)
17 down tube
18 seat tube
19 seat stays
20 chain stays
21 child's seat (child carrier seat)
22 bicycle saddle
23 saddle springs
24 seat pillar
25 saddle bag (tool bag)
26-32 wheel (front wheel)
26 hub
27 spoke
28 rim (wheel rim)
29 spoke nipple (spoke flange, spoke end)
30 tyres (Am. tires) (tyre, pneumatic tyre, high-pressure tyre); inside: tube (inner tube), outside: tyre (outer case, cover)
31 valve, a tube valve with valve tube or a patent valve with ball valve sealing cap
32 bicycle speedometer with milometer
34 kick stand (prop stand)
35-42 bicycle drive (chain drive)
35-39 chain transmission
35 chain wheel
36 chain, a roller chain
37 chain guard
38 sprocket wheel (sprocket)
39 wing nut (fly nut, butterfly nut)
40 pedal
41 crank
42 bottom bracket bearing
43 rear mudguard (Am. rear fender)
44 luggage carrier (carrier)
45 reflector
46 rear light (rear lamp)
47 footrest
48 bicycle pump
49 bicycle lock, a wheel lock
50 patent key
51 cycle serial number (factory number, frame number)
52 front hub (front hub assembly)
53 wheel nut
54 locknut (locking nut)
55 washer (slotted cone adjusting washer)
56 ball bearing
57 dust cap
58 cone (adjusting cone)
59 centre (Am. center) hub
60 spindle
61 axle
62 clip covering lubrication hole (lubricator)
63 free-wheel hub with back-pedal brake (with coaster brake)
64 safety nut
65 lubricator
66 brake arm
67 brake arm cone
68 bearing cup with ball bearings in ball race
69 hub shell (hub body, hub barrel)
70 brake casing
71 brake cone
72 driver
73 driving barrel
74 sprocket
75 thread head
76 axle
77 bracket
78 bicycle pedal (pedal, reflector pedal)
79 cup
80 spindle
81 axle
82 dust cap
83 pedal frame
84 rubber stud
85 rubber block (rubber tread)
86 glass reflector
188 Motorcycles, Bicycles, Scooters, Mopeds

1 folding bicycle
2 hinge (also: locking lever)
3 adjustable handlebar
4 adjustable saddle
5 stabilizers
6 motor-assisted bicycle
7 air-cooled two-stroke engine
8 telescopic forks
9 tubular frame
10 fuel tank (petrol tank, Am. gasoline tank)
11 semi-rise handlebars
12 two-speed gear-change (gearshift)
13 high-back polo saddle
14 swinging-arm rear fork
15 upsweped exhaust
16 heat shield
17 drive chain
18 crash bar (roll bar)
19 speedometer (coll. speedo)
20 battery-powered moped, an electrically-powered vehicle
21 swivel saddle
22 battery compartment
23 wire basket
24 touring moped (moped)
25 pedal crank (pedal drive, starter pedal)
26 single-cylinder two-stroke engine
27 spark-plug cap
28 fuel tank (petrol tank, Am. gasoline tank)
29 moped headlamp (front lamp)
30-35 handlebar fittings
30 twist grip throttle control (throttle twist grip)
31 twist grip (gear-change, gearshift)
32 clutch lever
33 hand brake lever
34 speedometer (coll. speedo)
35 rear-view mirror (mirror)
36 front wheel drum brake (drum brake)
37 Bowden cables (brake cables)
38 stop and tail light unit
39 light motorcycle with kickstarter
40 housing for instruments with speedometer and electronic rev counter (revolution counter)

41 telescopic shock absorber
42 twin seat
43 kickstarter
44 pillion footrest, a footrest handlebar (handlebars)
46 chain guard
47 motor scooter (scooter)
48 removable side panel
49 tubular frame
50 metal fairings
51 prop stand (stand)
52 foot brake
53 horn (hooter)
54 hook for handbag or briefcase
55 foot gear-change control (foot gearshift control)
56 high-riser; sim.: Chopper
57 high-rise handlebar (handlebars)
58 imitation motorcycle fork
59 banana saddle
60 chrome bracket
1 lightweight motorcycle (light
motorcycle) [50 cc]
2 fuel tank (petrol tank, Am.
gasoline tank)
3 air-cooled single-cylinder four-
stroke engine (with overhead
camshaft)
4 carburettor (Am. carburetor)
5 intake pipe
6 five-speed gearbox
7 swinging-arm rear fork
8 number plate (Am. license plate)
9 stop and tail light (rear light)
10 headlight (headlamp)
11 front drum brake
12 brake cable (brake line), a
Bowden cable
13 rear drum brake
14 racing-style twin seat
15 upsweped exhaust
16 scrambling motorcycle (cross-
country motorcycle) [125 cc], a
light motorcycle
17 lightweight cradle frame
18 number disc (disk)
19 solo seat
20 cooling ribs
21 motorcycle stand
22 motorcycle chain
23 telescopic shock absorber
24 spokes
25 rim (wheel rim)
26 motorcycle tyre (Am. tire)
27 tyre (Am. tire) tread
28 gear-change lever (gearshift
lever)
29 twist grip throttle control
(throttle twist grip)
30 rear-view mirror (mirror)
31-38 heavy (heavyweight, large-
capacity) motorcycles
31 heavyweight motorcycle with
water-cooled engine
32 front disc (disk) brake
33 disc (disk) brake calliper
(caliper)
34 floating axle
35 water cooler
36 oil tank
37 indicator (indicator light, turn
indicator light)
38 kickstarter
39 water-cooled engine
1-56 motor car (car. Am. automobile, auto), a passenger vehicle
1 monocque body (unitary body)
2 chassis, the understructure of the body
3 front wing (Am. front fender)
4 car door
5 door handle
6 door lock
7 boot lid (Am. trunk lid)
8 bonnet (Am. hood)
9 radiator
10 cooling water pipe
11 radiator grill
12 badging
13 rubber-covered front bumper (Am. front fender)
14 car wheel, a disc (disk) wheel
15 car tyre (Am. automobile tire)
16 rim (wheel rim)
17-18 disc (disk) brake
19 brake disc (disk) (braking disc)
20 caliper (caliper)
21 front indicator light (front turn indicator light)
22 headlight (headlamp) with main beam (high beam), dipped beam (low beam), sidelite (side lamp, Am. sidemarker lamp)
23 windscreen (Am. windshield), a panoramic windscreen
24 quarter light (quarter vent)
25 boot (Am. trunk)
26 spare wheel
27 damper (shock absorber)
28 trailing arm
29 coil spring
30 silencer (Am. muffler)
31 automatic ventilation system
32 rear seats
33 adjustable headrest (head restraint)
34 driver's seat, reclining seat
35 reclining backrest
36 passenger seat
37 steering wheel
38 centre (Am. center) console containing speedometer (coll. speedo), revolution counter (rev counter, tachometer), clock, fuel gauge (Am. gage), water temperature gauge, oil temperature gauge
39 inside rear-view mirror
40 left-hand wing mirror
41 windscreen wiper (Am. windshield wiper)
42 defroster vents
43 carpeting
44 clutch pedal (coll. clutch)
45 brake pedal (coll. brake)
46 accelerator pedal (coll. accelerator)
47 inlet vent
48 blower fan
49 brake fluid reservoir
50 battery
51 exhaust pipe
52 front running gear with front wheel drive
53 engine mounting
54 intake silencer (Am. intake muffler)
55 air filter (air cleaner)
56 right-hand wing mirror
57-90 dashboard (fascia panel)
57 controlled-collapse steering column
58 steering wheel spoke
59 indicator and dimming switch
60 wiper/washer switch and horn
61 side window wiper
62 side window, headlight, and parking light switch
63 fog lamp warning light
64 fog headlamp and rear lamp switch
65 fuel gauge (Am. gage)
66 water temperature gauge (Am. gage)
67 warning light for rear fog lamp
68 hazard flasher switch
69 main beam warning light
70 electric rev counter (revolution counter)
71 fuel warning light
72 warning light for the hand brake and dual-circuit brake system
73 oil pressure warning light
74 speedometer (coll. speedo) with trip mileage recorder
75 starter and steering lock
76 warning lights for turn indicators and hazard flashers
77 switch for the courtesy light and reset button for the trip mileage recorder
78 ammeter
79 electric clock
80 warning light for heated rear window
81 switch for the leg space ventilation
82 rear window heating switch
83 ventilation switch
84 temperature regulator
85 fresh-air inlet and control
86 fresh-air regulator
87 warm-air regulator
88 cigar lighter
89 glove compartment (glove box) lock
90 car radio
91 gear lever (gearshift lever, floor-type gear-change)
92 leather gaiter
93 hand brake lever
94 accelerator pedal
95 brake pedal
96 clutch pedal
1-36 car models
1 eight-cylinder limousine with
three rows of three-abreast
seating
2 driver's door
3 rear door
4 four-door saloon car (Am. four-
door sedan)
5 front door
6 rear door
7 front seat headrest (front seat
head restraint)
8 rear seat headrest (rear seat head
restraint)
9 convertible
10 convertible (collapsible) hood
(top)
11 bucket seat
12 buggy (dune buggy)
13 roll bar
14 fibre glass body
15 estate car (shooting brake, estate,
Am. station wagon)
16 tailgate
17 boot space (luggage
compartment)
18 three-door hatchback
19 small three-door car
20 rear door (tailgate)
21 sill
22 folding back seat
23 boot (luggage compartment, Am.
trunk)
24 sliding roof (sunroof, steel
sunroof)
25 two-door saloon car (Am. two-
door sedan)
26 roadster (hard-top), a two-seater
27 hard top
28 sporting coupé, a two-plus-two
coupé (two-seater with
removable back seats)
29 fastback (liftback)
30 spoiler rim
31 integral headrest (integral head
restraint)
32 GT car (gran turismo car)
33 integral bumper (Am. integral
fender)
34 rear spoiler
35 back
36 front spoiler
| 1 | light cross-country lorry (light truck, pickup truck) with all-wheel drive (four-wheel drive) |
| 2 | cab (driver's cab) |
| 3 | loading platform (body) |
| 4 | spare tyre (Am. spare tire), a cross-country tyre |
| 5 | light lorry (light truck, pickup truck) |
| 6 | platform truck |
| 7 | medium van |
| 8 | sliding side door [for loading and unloading] |
| 9 | minibus |
| 10 | folding top (sliding roof) |
| 11 | rear door |
| 12 | hinged side door |
| 13 | luggage compartment |
| 14 | passenger seat |
| 15 | cab (driver's cab) |
| 16 | air inlet |
| 17 | motor coach (coach, bus) |
| 18 | luggage locker |
| 19 | hand luggage (suitcase, case) |
| 20 | heavy lorry (heavy truck, heavy motor truck) |
| 21 | tractive unit (tractor, towing vehicle) |
| 22 | trailer (drawbar trailer) |
| 23 | sweep platform (body) |
| 24 | three-way tipper (three-way dump truck) |
| 25 | tipping body (dump body) |
| 26 | hydraulic cylinder |
| 27 | supported container platform |
| 28 | articulated vehicle, a vehicle tanker |
| 29 | tractive unit (tractor, towing vehicle) |
| 30-33 | semi-trailer (skeletal) |
| 30 | tank |
| 31 | turntable |
| 32 | undercarriage |
| 33 | spare wheel |
| 34 | midi bus [for short-route town operations] |
| 35 | outward-opening doors |
| 36 | double-deck bus (double-decker bus) |
| 37 | lower deck (lower saloon) |
| 38 | upper deck (upper saloon) |
| 39 | boarding platform |
| 40 | trolley bus |
| 41 | current collector |
| 42 | trolley (trolley shoe) |
| 43 | overhead wires |
| 44 | trolley bus trailer |
| 45 | pneumatically sprung rubber connection |
1-55 agent's garage (distributor's garage, Am. specialty shop)  
1-23 diagnostic test bay  
1 computer  
2 main computer plug  
3 computer harness (computer cable)  
4 switch from automatic to manual  
5 slot for program cards  
6 print-out machine (printer)  
7 condition report (data print-out)  
8 master selector (hand control)  
9 light read-out [green: OK; red: not OK]  
10 rack for program cards  
11 mains button  
12 switch for fast readout  
13 firing sequence insert  
14 shelf for used cards  
15 cable boom  
16 oil temperature sensor  
17 test equipment for wheel and steering alignment  
18 right-hand optic plate  
19 actuating transistors  
20 projector switch  
21 check light for wheel alignment, a row of photocells  
22 check light for steering alignment, a row of photocells  
23 power screwdriver  
24 beam setter  
25 hydraulic lift  
26 adjustable arm of hydraulic lift  
27 hydraulic lift pad  
28 excavation  
29 pressure gauge (Am. gage)  
30 grease gun  
31 odds-and-ends box  
32 wall chart [of spare parts]  
33 automatic computer test  
34 motor car (car, Am. automobile, auto), a passenger vehicle  
35 engine compartment  
36 bonnet (Am. hood)  
37 bonnet support (Am. hood support)  
38 computer harness (computer cable)  
39 main computer socket; also: multi-outlet socket  
40 oil temperature sensor  
41 wheel mirror for visual wheel and steering alignment  
42 tool trolley  
43 tools  
44 impact wrench  
45 torque wrench  
46 body hammer (roughing-out hammer)  
47 vehicle under repair, a minibus  
48 car location number  
49 rear engine  
50 tailgate  
51 exhaust system  
52 exhaust repair  
53 motor car mechanic (motor vehicle mechanic, Am. automotive mechanic)  
54 air hose  
55 intercom
203 Railway Line (Am. Railroad Track) II
(Signalling Equipment)

1-6 stop signals (main signals)
1 stop signal (main signal), a semaphore
signal in ‘stop’ position
2 signal arm (semaphore arm)
3 electric stop signal (colour light,
Am. color light, signal) at ‘stop’
signal position: ‘proceed at low speed’
5 signal position: ‘proceed’
6 substitute signal
7-34 distant signals
7 semaphore signal at ‘be prepared to
stop at next signal’
8 supplementary semaphore arm
9 colour light (Am. color light) distant
signal at: ‘be prepared to stop at next
signal’
10 signal position: ‘be prepared to
proceed at low speed’
11 signal position: ‘proceed main signal
ahead’
12 semaphore signal with indicator
plate showing a reduction in braking
distance of more than 5%
13 triangle (triangle sign)
14 colour light (Am. color light) distant
signal with indicator light for showing
reduced braking distance
15 supplementary white light
16 distant signal indicating ‘be prepared
to stop at next signal’ (yellow light)
17 second distant signal (distant signal
with supplementary light, without
indicator plate)
18 distant signal with speed indicator
19 distant speed indicator
20 distant signal with route indicator
21 route indicator
22 distant signal without supplementary
arm in position: ‘be prepared to stop
at next signal’
23 distant signal without supplementary
arm in ‘be prepared to proceed
position
24 distant signal identification plate
25-44 supplementary signals
25 stop board for indicating the stopping
point at a control point
26-29 approach signs
26 approach sign 100 m from distant
signal
27 approach sign 175 m from distant
signal
28 approach sign 250 m from distant
signal
29 approach sign at a distance of 5% less
than the braking distance on the
section
30 chequered sign indicating stop
signals (main signals) not positioned
immediately to the right of or over the
line (track)
31-32 stop boards to indicate the
stopping point of the front of the
train
33 stop board (be prepared to stop)
34-35 snow plough (Am. snowplow)
signs
34 raise snow-plough (Am. snowplow)
sign
35 ‘lower snow plough (Am. snowplow)’
sign
36-44 speed restriction signs
36-38 speed restriction sign
(maximum speed 3 x 10 = 30kph)
36 sign for day running
37 speed code number
38 illuminated sign for night running
39 commencement of temporary speed
restriction
40 termination of temporary speed
restriction
41 speed restriction sign for a section
with a permanent speed restriction
(maximum speed 5 x 10 = 50kph)
42 commencement of permanent speed
restriction
43 speed restriction warning sign (only
on main lines)
44 speed restriction sign (only on main
lines)
45-52 points signals (switch signals)
45-48 single points (single switches)
45 route straight ahead (main line)
46 (right) branch
47 (left) branch
48 branch from the left
49-52 double crossover
49 route straight ahead from left to right
50 route straight ahead from right to left
51 turnout to the left from the left
52 turnout to the right from the right
53 manually operated signal box
(Am. signal tower, switch tower)
54 lever mechanism
55 points lever (switch lever) (Blue),
a lock lever
56 signal lever (red)
57 catch
58 route lever
59 block instruments
60 block section panel
61 electrically operated signal box
(Am. signal tower, switch tower)
62 points (switch) and signal knobs
63 lock indicator panel
64 track and signal indicator
65 track diagram control layout
66 track diagram control panel
(dormant panel)
67 push buttons
68 routes
69 intercom system
1 platform
2 steps to the platform
3 bridge to the platforms
4 platform number
5 platform roofing
6 passengers
7-12 luggage
7 suitcase (case)
8 luggage label
9 hotel sticker
10 travelling (Am. traveling) bag
11 hat box
12 umbrella, a walking-stick umbrella
13 main building; also: offices
14 platform
15 crossing
16 news trolley
17 news vendor (Am. news dealer)
18 reading matter for the journey
19 edge of the platform
20 railway policeman (Am. railroad policeman)
21 destination board
22 destination indicator
23 departure time indicator
24 delay indicator
25 suburban train, a railroad
26 special compartment
27 platform loudspeaker
28 station sign
29 electric trolley (electric truck)
30 loading foreman
31 porter (Am. redcap)
32 barrow
33 drinking fountain
34 electric Trans-Europe Express; also: Intercity train
35 electric locomotive, an express locomotive
36 collector bow (sliding bow)
37 secretarial compartment
38 destination board
39 wheel tapper
40 wheel-tapping hammer
41 station foreman
42 signal
43 red cap
44 inspector
45 pocket timetable (Am. pocket train schedule)
46 platform clock
47 starting signal
48 platform lighting
49 refreshment kiosk
50 beer bottle
51 newspaper
52 parting kiss
53 embrace
54 platform seat
55 litter bin (Am. litter basket)
56 platform post box (Am. platform mailbox)
57 platform telephone
58 trolley wire (overhead contact wire)
59-60 track
59 rail
60 sleeper (Am. tie, crosstie)
61 ballast (bed)
206 Goods Station (Freight Depot)

1 ramp (vehicle ramp); *sim.:* livestock ramp
2 electric truck
3 trailer
4 part loads (*Am.* package freight, less-than-carload freight); *in general traffic:* general goods in general consignments (in mixed consignments)
5 crate
6 goods van (*Am.* freight car)
7 goods shed (*Am.* freight house)
8 loading strip
9 loading dock
10 bale of peas
11 bale of linen (of linen cloth)
12 fastening (cord)
13 wicker bottle (wickered bottle, demijohn)
14 trolley
15 goods lorry (*Am.* freight truck)
16 forklift truck (fork truck, forklift)
17 loading siding
18 bulky goods
19 small railway-owned (*Am.* railroad-owned) container
20 showman's caravan (*sim.:* circus caravan)
21 flat wagon (*Am.* flat freight car)
22 loading gauge (*Am.* gage)
23 bale of straw
24 flat wagon (*Am.* flatcar) with side stakes
25 fleet of lorries (*Am.* trucks)
26-39 goods shed (*Am.* freight house)
26 goods office (forwarding office, *Am.* freight office)
27 part-load goods (*Am.* package freight)
28 forwarding agent (*Am.* freight agent, shipper)
29 loading foreman
30 consignment note (waybill)
31 weighing machine
32 pallet
33 porter
34 electric cart (electric truck)
35 trailer
36 loading supervisor
37 goods shed door (*Am.* freight house door)
38 rail (slide rail)
39 roller
40 weighbridge office
41 weighbridge
42 marshalling yard (*Am.* classification yard, switchyard)
43 shunting engine (shunting locomotive, shunter, *Am.* switch engine, switcher)
44 marshalling yard signal box (*Am.* classification yard switch tower)
45 yardmaster
46 hump
47 sorting siding (classification siding, classification track)
48 rail brake (retarder)
49 slipper brake (slipper)
50 storage siding (siding)
51 buffer (buffers, *Am.* bumper)
52 wagon load (*Am.* carload)
53 warehouse
54 container station
55 gantry crane
56 lifting gear (hoisting gear)
57 container
58 container wagon (*Am.* container car)
59 semi-trailer
1-69 steam locomotives
2-37 locomotive boiler and driving gear
2 tender platform with coupling
3 safety valve for excess boiler pressure
4 firebox
5 drop grate
6 ashpan with damper doors
7 bottom door of the ashpan
8 smoke tubes (flue tubes)
9 feed pump
10 axle bearing
11 connecting rod
12 steam dome
13 regulator valve (regulator main valve)
14 sand dome
15 sand pipes (sand tubes)
16 boiler (boiler barrel)
17 fire tubes or steam tubes
18 reversing gear (steam reversing gear)
19 sand pipes
20 feed valve

21 steam collector
22 chimney (smokestack, smoke outlet and waste steam exhaust)
23 feedwater preheater (feedwater heater, economizer)
24 spark arrester
25 blast pipe
26 smokebox door
27 cross head
28 mud drum
29 top feedwater tray
30 combination lever
31 steam chest
32 cylinder
33 piston rod with stuffing box (packing box)
34 guard iron (rail guard, Am. pilot, cowcatcher)
35 carrying axle (running axle, dead axle)
36 coupled axle
37 driving axle
38 express locomotive with tender

39-63 cab (driver's cab, Am. engineer's cab)
39 fireman's seat
40 drop grate lever
41 line steam injector
42 automatic lubricant pump (automatic lubricator)
43 preheater pressure gauge (Am. gage)
44 carriage heating pressure gauge (Am. gage)
45 water gauge (Am. gage)
46 light
47 boiler pressure gauge (Am. gage)
48 distant-reading temperature gauge (Am. gage)
49 cab (driver's cab, Am. engineer's cab)
50 brake pressure gauge (Am. gage)
51 whistle valve handle
52 driver's timetable (Am. engineer's schedule)
53 driver's brake valve (Am. engineer's brake valve)
54 speed recorder (tachograph)
55 sanding valve
56 reversing wheel
57 emergency brake valve
58 release valve
59 driver's seat (Am. engineer's seat)
60 firehole shield
61 firehole door
62 vertical boiler
63 firedoor handle handgrip
64 articulated locomotive (Garratt locomotive)
65 tank locomotive
66 water tank
67 fuel tender
68 steam storage locomotive (fireless locomotive)
69 condensing locomotive (locomotive with condensing tender)
1 electric locomotive
2 current collector
3 main switch
4 high-tension transformer
5 roof cable
6 traction motor
7 inductive train control system
8 main air reservoir
9 whistle
10-18 plan of locomotive
10 transformer with tap changer
11 oil cooler with blower
12 oil-circulating pump
13 tap changer driving mechanism
14 air compressor
15 traction motor blower
16 terminal box
17 capacitors for auxiliary motors
18 commutator cover
19 cab (driver's cab, Am. engineer's cab)
20 controller handwheel
21 dead man's handle
22 driver's brake valve (Am. engineer's brake valve)
23 auxiliary brake valve (auxiliary brake valve)
24 pressure gauge (Am. gage)
25 bypass switch for the dead man's handle
26 tractive effort indicator
27 train heating voltage indicator
28 contact wire voltage indicator (overhead wire voltage indicator)
29 high-tension voltage indicator
30 on/off switch for the current collector
31 main switch
32 sander switch (sander control)
33 anti-skid brake switch
34 visual display for the ancillary systems
35 speedometer
36 running step indicator
37 clock
38 controls for the inductive train control system
39 cab heating switch
40 whistle lever
41 contact wire maintenance vehicle
42 work platform (working platform)
43 ladder
44-54 mechanical equipment of the contact wire maintenance vehicle
44 air compressor
45 blower oil pump
46 generator
47 diesel engine
48 injection pump
49 silencer (Am. muffler)
50 change-speed gear
51 cardan shaft
52 wheel flange lubricator
53 reversing gear
54 torque converter bearing
55 accumulator railcar (battery railcar)
56 battery box (battery container)
57 cab (driver's cab, Am. engineer's cab)
58 second-class seating arrangement
59 toilet (lavatory, WC)
60 fast electric multiple-unit train
61 front railcar
62 driving trailer car
212 Railway Vehicles (Rolling Stock) VI

1. 84. diesel locomotives
2. diesel-hydraulic locomotive. (Diesel locomotive) for medium passenger and goods service (freight service)  
3. bogie (truck)
4. cab (driver's cab, Am. engineer's cab) of a diesel locomotive.
5. main air pressure gauge (Am. gage)
6. brake cylinder pressure gauge (Am. gage)
7. main air reservoir pressure gauge (Am. gage)
8. speedometer
9. auxiliary brake
10. remote brake valve (Am. engineer's brake valve)
11. controller handwheel
12. dead man's handle
13. inductive train control system
14. signal lights
15. clock
16. voltage meter for the main heating system
17. current meter for the main heating system
18. engine oil temperature gauge (Am. gage)
19. transmission oil temperature gauge (Am. gage)
20. cooling water temperature gauge (Am. gage)
21. revolution counter (rev. counter, tachometer)
22. radio telephone
23. diesel-hydraulic locomotive (plan and elevation)
24. diesel engine
25. cooling unit
27. fluid transmission
28. wheel and axle drive
29. cardan shaft
30. starter motor
31. instrument panel
32. driver's control desk (Am. engineer's control desk)
33. hand brake
34. air compressor with electric motor
35. equipment locker
36. heat exchanger for transmission oil
37. engine room ventilator
38. magnet for the inductive train control system
39. train heating generator
40. casing of the train heating system transformer
41. preheater
42. exhaust silencer (Am. exhaust muffler)
43. auxiliary heat exchanger for the transmission oil
44. hydraulic brake
45. tool box
46. starter battery
47. diesel-hydraulic locomotive for light and medium shunting service
48. exhaust silencer (Am. exhaust muffler)
49. bell and whistle
50. yard radio
51. -67 elevation of locomotive
52. diesel engine with supercharged turbine
53. fluid transmission
54. output gear box
55. radiator
56. heat exchanger for the engine lubricating oil
57. fuel tank
58. main air reservoir
59. air compressor
60. sand boxes
61. reserve fuel tank
62. auxiliary air reservoir
63. hydraulic fan drive
64. fan with clothes compartment
65. hand brake wheel
66. ballast
67. engine and transmission control wheel
68. small diesel locomotive for shunting service
69. exhaust casing
70. horn
71. main air reservoir
72. air compressor
73. eight-cylinder diesel engine
74. Voith transmission with reversing gear
75. heating oil tank (fuel oil tank)
76. sand box
77. cooling unit
78. header tank for the cooling water
79. oil bath air cleaner (oil bath air filter)
80. hand brake wheel
81. control wheel
82. coupling
83. cardan shaft
84. louvered shutter
213 Railway Vehicles (Rolling Stock) VII

1. diesel-hydraulic locomotive
2. cab (driver's cab, Am. engineer's cab)
3. wheel and axle set
4. aerial for the yard radio
5. standard flat wagon (Am. standard flatcar)
6. hinged steel stanchion (stanchion)
7. buffers
8. standard open goods wagon (Am. standard open freight car)
9. revolving side doors
10. hinged front
11. standard flat wagon (Am. standard flatcar) with bogies
12. sole bar reinforcement
13. bogie (truck)
14. covered goods van (covered goods wagon, Am. boxcar)
15. sliding door
16. ventilation flap
17. snow blower (rotary snow plough, Am. snowplow), a track-clearing vehicle
18. wagon (Am. car) with pneumatic discharge
19. filler hole
20. compressed-air supply
21. discharge connection valve
22. goods van (Am. boxcar) with sliding roof
23. roof opening
24. bogie open self-discharge wagon (Am. bogie open self-discharge freight car)
25. discharge flap (discharge door)
26. bogie wagon with swivelling (Am. swiveling) roof
27. swivelling (Am. swiveling) roof
28. large-capacity wagon (Am. large-capacity car) for small livestock
29. sidewall with ventilation flaps (slatted wall)
30. ventilation flap
31. tank wagon (Am. tank car)
32. track inspection rallicar
33. open special wagons (Am. open special freight cars)
34. lorry (Am. truck) with trailer
35. two-tier car carrier (double-deck car carrier)
36. hinged upper deck
37. tipper wagon (Am. dump car) with skips
38. skip
39. general-purpose refrigerator wagon (refrigerator van, Am. refrigerator car)
40. interchangeable bodies for flat wagons (Am. flatcars)
<table>
<thead>
<tr>
<th>Number</th>
<th>Term</th>
<th>Definition</th>
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<tbody>
<tr>
<td>1</td>
<td>cable ferry (also: chain ferry)</td>
<td>a passenger ferry</td>
</tr>
<tr>
<td>2</td>
<td>ferry rope (ferry cable)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>river branch (river arm)</td>
<td></td>
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<tr>
<td>4</td>
<td>river island (river islet)</td>
<td></td>
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<tr>
<td>5</td>
<td>collapsed section of riverbank, flood</td>
<td>damage</td>
</tr>
<tr>
<td>6</td>
<td>motor ferry</td>
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<tr>
<td>7</td>
<td>ferry landing stage (motorboat landing</td>
<td>stage)</td>
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<tr>
<td>8</td>
<td>pile foundations</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>current (flow, course)</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>flying ferry (river ferry), a car ferry</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>ferry boat</td>
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<tr>
<td>12</td>
<td>buoy (float)</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>anchorage</td>
<td></td>
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<tr>
<td>14</td>
<td>harbour (Am. harbor) for laying up river</td>
<td>craft</td>
</tr>
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<td>15</td>
<td>ferry boat ( punt)</td>
<td></td>
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<tr>
<td>16</td>
<td>pole ( punt pole, quant pole)</td>
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<tr>
<td>17</td>
<td>ferryman</td>
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<td>18</td>
<td>blind river branch (blind river arm)</td>
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<td>19</td>
<td>groyne (Am. groin)</td>
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<tr>
<td>20</td>
<td>groyne (Am. groin) head</td>
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<tr>
<td>21</td>
<td>fairway ( navigable part of river)</td>
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<tr>
<td>22</td>
<td>train of barges</td>
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<tr>
<td>23</td>
<td>river tug</td>
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<tr>
<td>24</td>
<td>tow rope ( tow line, towing hawser)</td>
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<tr>
<td>25</td>
<td>barge (freight barge, cargo barge, lighter)</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>bargeman (bargee, lighterman)</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>towing ( hauling, haulage)</td>
<td></td>
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<tr>
<td>28</td>
<td>towing mast</td>
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<tr>
<td>29</td>
<td>towing engine</td>
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<tr>
<td>30</td>
<td>towing track; form: tow path</td>
<td>(towing path)</td>
</tr>
<tr>
<td>31</td>
<td>river after river training</td>
<td></td>
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<tr>
<td>32</td>
<td>dike (dyke, main dike, flood wall, winter dike)</td>
<td></td>
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<tr>
<td>33</td>
<td>drainage ditch</td>
<td></td>
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<tr>
<td>34</td>
<td>dike (dyke) drainage sluice</td>
<td></td>
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<tr>
<td>35</td>
<td>wing wall</td>
<td></td>
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<tr>
<td>36</td>
<td>outfall</td>
<td></td>
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<tr>
<td>37</td>
<td>drain (infiltration drain)</td>
<td></td>
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<tr>
<td>38</td>
<td>berm (berme)</td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>top of dike (dyke)</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>dike (dyke) batter ( dike slope)</td>
<td></td>
</tr>
<tr>
<td>41</td>
<td>flood bed (sedimentation area)</td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>flood containment area</td>
<td></td>
</tr>
<tr>
<td>43</td>
<td>current meter</td>
<td></td>
</tr>
</tbody>
</table>
218 Types of Historical Ship

1-6 Germanic rowing boat [ca. AD 400], the Nydam boat
1 stern post
2 steerman
3 oarsman
4 stem post (stem)
5 oar, for rowing
6 rudder (steering oar), a side rudder, for steering
7 dugout, a hollowed-out tree trunk
8 paddle
9-12 trireme, a Roman warship
9 ram
10 forecastle (fo'c'sle)
11 grapple (grapnel, grappling iron), for fastening the enemy ship alongside
12 three banks (tiers) of oars
13-17 Viking ship (longship, dragon ship) [Norse]
13 helm (tiller)
14 awning crutch with carved horses' heads
15 awning
16 dragon figurehead
17 shield
18-26 cog (Hansa cog, Hansa ship)
18 anchor cable (anchor rope, anchor hawser)
19 forecastle (fo'c'sle)
20 bowsprit
21 furled (brailed-up) square sail
22 town banner (city banner)
23 aftercastle (sterncastle)
24 rudder, a stern rudder
25 elliptical stern (round stern)
26 wooden fender
27-43 caravel (carvel) ['Santa Maria' 1492]
27 admiral's cabin
28 spanker boom
29 mizzen (mizen, mutton spanker, lateen spanker), a lateen sail
30 lateen yard
31 mizzen (mizen) mast
32 lashing
33 mainsail (main course), a square sail
34 bonnet, a removable strip of canvas
35 bowline
36 bunt line (martinet)

37 main yard
38 main topsail
39 main topsail yard
40 mainmast
41 foresail (fore course)
42 foremast
43 spritsail
44-50 galley [15th to 18th century], a slave galley
44 lantern
45 cabin
46 central gangway
47 slave driver with whip
48 galley slaves
49 covered platform in the forepart of the ship
50 gun
51-60 ship of the line (line-of-battle ship) [18th to 19th century], a three-decker
51 jib boom
52 fore topgallant sail
53 main topgallant sail
54 mizen (mizen) topgallant sail
55-57 gilded stern
55 upper stern
56 stern gallery
57 quarter gallery, a projecting balcony with ornamental portholes
58 lower stern
59 gunports for broadside fire
60 gunport shutter
1-72 rigging (rig, tackle) and sails of a bark (barque)
1-9 masts
1 bowsprit with jib boom
2-4 foremast
2 lower foremast
3 fore topmast
4 fore topgallant mast
5-7 mainmast
5 lower mainmast
6 main topmast
7 main topgallant mast
8-9 mizen (mizen) mast
8 lower mizen (lower mizen)
9 mizen (mizen) topmast
10-19 standing rigging
10 stay
11 topmast stay
12 topgallant stay
13 royal stay
14 jib stay
15 boystay
16 shrouds
17 fore topmast rigging (main topmast rigging, mizen (mizen) topmast rigging)
18 fore topgallant rigging (main topgallant rigging)
19 backstays
20-31 fore-and-aft sails
20 fore topmast staysail
21 inner jib
22 outer jib
23 flying jib
24 main topmast staysail
25 main topgallant staysail
26 main royal staysail
27 mizen (mizen) staysail
28 mizen (mizen) topmast staysail
29 mizen (mizen) topgallant staysail
30 mizen (mizen, spanker, driver)
31 gaff topsail
32-45 spars
32 foreyard
33 lower fore topsail yard
34 upper fore topsail yard
35 lower fore topgallant yard
36 upper fore topgallant yard
37 fore royal yard
38 main yard
39 lower main topsail yard
40 upper main topsail yard
41 lower main topgallant yard
42 upper main topgallant yard
43 main royal yard
44 spanker boom
45 spanker gaff
46 footrope
47 lifts
48 spanker boom topping lift
49 spanker peak halyard
50 foretop
51 fore topmast crosstrees
52 maintop
53 main topmast crosstrees
54 mizen (mizen) top
55-66 square sails
55 foresail (fore course)
56 lower fore topsail
57 upper fore topsail
58 lower fore topgallant sail
59 upper fore topgallant sail
60 fore royal
61 mainsail (main course)
62 lower main topsail
63 upper main topsail
64 lower main topgallant sail
65 upper main topgallant sail
66 main royal sail
67-71 running rigging
67 braces
68 sheets
69 spanker sheet
70 spanker vangs
71 bunt line
72 reef
1-5 sail shapes
1 gaffsail (small: trysail, spencer)
2 jib
3 lateen sail
4 lug sail
5 spritsail
6-8 single-masted sailing boats (Am. sailboats)
6 tjalk
7 leeboard
8 cutter
9-10 mizzen (mizen) masted sailing boats (Am. sailboats)
9 ketch-rigged sailing barge
10 yawl
11-17 two-masted sailing boats (Am. sailboats)
11-13 topsail schooner
11 mainsail
12 boom foresail
13 square foresail
14 brigantine
15 half-rigged mast with fore-and-aft sails
16 full-rigged mast with square sails
17 brig
18-27 three-masted sailing vessels (three-masters)
18 three-masted schooner
19 three-masted topsail schooner
20 bark (barque) schooner
21-23 bark (barque) [cf. illustration of rigging and sails in plate 219]
21 foremast
22 mainmast
23 mizzen (mizen) mast
24-27 full-rigged ship
24 mizzen (mizen) mast
25 crossjack yard (crojack yard)
26 crossjack (crojack)
27 ports
28-31 four-masted sailing ships (four-masters)
28 four-masted schooner
29 four-masted bark (barque)
30 mizzen (mizen) mast
31 four-masted full-rigged ship
32-34 five-masted bark (barque)
32 skysail
33 middle mast
34 mizzen (mizen) mast

35-37 development of sailing ships over 400 years
35 five-masted full-rigged ship 'Preussen' 1902-10
36 English clipper ship 'Spindrift' 1867
37 caravel (carvel) 'Santa Maria' 1492
1 Sextant
2 graduated arc
3 Index bar (index arm)
4 Declination micrometer
5 vernier
6 index mirror
7 Horizon glass (horizon mirror)
8 Telescope
9 Grip (handgrip)
10-13 Radar equipment
   (radar apparatus)
10 Radar pedestal
11 Revolving radar reflector
12 Radar display unit (radar picture)
13 Radar image (radar picture)
14-16 Wheelhouse
14 Seating and control position
15 Wheel's wheel (controlling the rudder mechanism)
16 Helmsman
   (Am. wheelman)
17 Rudder angle indicator
18 Automatic pilot
19 Control lever for the variable-pitch propeller
   (reversible propeller, feathering propeller, feathering screw)

20 Propeller pitch indicator
21 Main engine revolution indicator
22 Ship's speedometer (tachometer)
23 Control switch for bow thruster (bow maneuvering, Am. maneuvering, propeller)
24 Echo receiver (depth recorder, echogram)
25 Engine telegraph (engine order telegraph)
26 Controls for the anti-rolling system (for the stabilizers)
27 Local battery telephone
28 Shipping traffic radio telephone
29 Navigation light indicator panel (running light indicator panel)
30 Microphone for ship's address system
31 Gyro compass (gyroscopic compass), a compass repeater
32 Control button for the ship's sirens (ship's fog horn)
33 Main engine overload indicator
34 Detector indicator unit for fixing the ship's position
35 Rough focusing indicator
36 Fine focusing indicator
37 Navigating officer
38 Captain
39 Electronic navigation system
40 Master station
41 Slave station
42 Null hyperbola
43 Hyperbolic position line 1
44 Hyperbolic position line 2
45 Position (fix, ship fix)
46-53 Compasses
46 Hand compass (fluid compass, spirit compass, wet compass), a magnetic compass
47 Compass card
48 Lubber's line (lubber's mark, lubber's point)
49 Compass bowl
50 Umbilical ring
51-53 Gyro compass
   (gyroscopic compass, gyrocompass unit)
51 Master compass (master gyrocompass)
52 Compass repeater (gyro repeater)
53 Compass repeater with pelorus
54 Potentiometer (screw log, mechanical log, towing log, taffrail log, speedometer)
55 Rotator
56 Governor
57 Log clock
58-67 Leads
59 Hand lead
60 Lead (lead sinker)
61 Leadline
61-67 Echo sounder (echo sounding machine)
61 Sound transmitter
62 Sound wave (sound impulse)
63 Echo sound, echo signal
64 Echo receiver (hydrophone)
65 Echoscope (echo sounding machine recorder)
66 Depth scale
67 Echoscope (depth recording, depth reading)
68-106 Sea marks (floating navigational marks) for buoyage and lighting systems
   (beginning of the middle ground, topmark: red cylinder above red ball)
70 Convergence
83 Fairway marks (channel marks)
84 Light and bell buoy
85 Bell
86 Light and whistle buoy
87 Whistle
88 Middle ground
89 Main fairway
90 Secondary fairway (secondary navigable channel)
91 Can buoy
92 Port hand buoys (port hand marks)
93 Starboard hand buoys (starboard hand marks)
94 Shoals (shallows, shallow water, Am. latus) outside the fairway
95 Middle of the fairway (mid-channel)
96 Starboard markers (inverted bong)
97 Port markers (upward-pointing bong)
101-102 Range lights (leading lights)
103 Range lights (higher leading light)
104 Lighthouse
105 Lighthouse (characteristic light)
106 Radio direction finder (RDF) antenna
107 Machinery and observation platform (machinery and observation deck)
108 Living quarters
1. salvaging (salving) of a ship run aground
2. ship run aground (damaged vessel)
3. sandbank; also: quicksand
4. open sea
5. tug (salvage tug)
6-15. towing gear
6. towing gear for towing at sea
7. towing winch (towing machine, towing engine)
8. tow rope (tow line, towing hawser)
9. tow rope guide
10. cross-shaped bollard
11. hawse hole
12. anchor cable (chain cable)
13. towing gear for work in harbours (Am. harbors)
14. guest rope
15. position of the tow rope (tow line, towing hawser)
16. tug (salvage tug) [vertical elevation]
17. bow fender (pudding fender)

18. forepeak
19. living quarters
20. Schottel propeller
21. Kort vent
22. engine and propeller room
23. clutch coupling
24. compass platform (compass bridge, compass flat, monkey bridge)
25. fire-fighting equipment
26. stowage
27. tow hook
28. afterpeak
29. stern fender
30. main manoeuvring (Am. maneuvering) keel

1. rocket apparatus (rocket gun, line-throwing gun)
2. life rocket (rocket)
3. rocket line (whip line)
4. oilskins
5. sou’wester (southwester)
6. oilskin jacket
7. oilskin coat
8. inflatable life jacket
9. cork life jacket (cork life preserver)
10. stranded ship (damaged vessel)
11. oil bag, for trickling oil on the water surface
12. lifeline
13. breeches buoy
14. rescue cruiser
15. helicopter landing deck
16. rescue helicopter
17. daughter boat
18. inflatable boat (inflatable dinghy)
19. life raft
20. fire-fighting equipment for fires at sea
21. hospital unit with operating cabin and exposure bath
22. navigating bridge
23. upper tier of navigating bridge
24. lower tier of navigating bridge
25. messroom
26. rudders and propeller (screw)
27. stowage
28. foam can
29. side engines
30. shower
31. coxswain’s cabin
32. crew member’s single-berth cabin
33. bow propeller
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<tr>
<th>1-14 wing configurations</th>
<th>35 raised horizontal tail with double booms</th>
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<tbody>
<tr>
<td>1 high-wing monoplane (high-wing plane)</td>
<td>36 triple tail unit</td>
</tr>
<tr>
<td>2 span (wing span)</td>
<td>37 system of flaps</td>
</tr>
<tr>
<td>3 shoulder-wing monoplane (shoulder-wing plane)</td>
<td>38 extensible slat</td>
</tr>
<tr>
<td>4 midwing monoplane (midwing plane)</td>
<td>39 spoiler</td>
</tr>
<tr>
<td>5 low-wing monoplane (low-wing plane)</td>
<td>40 double-slotted Fowler flap</td>
</tr>
<tr>
<td>6 triplane</td>
<td>41 outer aileron (low-speed aileron)</td>
</tr>
<tr>
<td>7 upper wing</td>
<td>42 inner spoiler (landing flap, lift dump)</td>
</tr>
<tr>
<td>8 middle wing (central wing)</td>
<td>43 inner aileron (all-speed aileron)</td>
</tr>
<tr>
<td>9 lower wing</td>
<td>44 brake flap (air brake)</td>
</tr>
<tr>
<td>10 biplane</td>
<td>45 basic profile</td>
</tr>
<tr>
<td>11 strut</td>
<td>46-48 plain flaps (simple flaps)</td>
</tr>
<tr>
<td>12 cross bracing wires</td>
<td>49 normal flap</td>
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<tr>
<td>13 sesquiplane</td>
<td>47 slotted flap</td>
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<tr>
<td>14 low-wing monoplane (low-wing plane) with cranked wings (inverted gull wings)</td>
<td>48 double-slotted flap</td>
</tr>
<tr>
<td>15-22 wing shapes</td>
<td>49-50 split flaps</td>
</tr>
<tr>
<td>15 elliptical wing</td>
<td>51 plain split flap (simple split flap)</td>
</tr>
<tr>
<td>16 rectangular wing</td>
<td>52 Fowler flap</td>
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<td>17 tapered wing</td>
<td>53 slat</td>
</tr>
<tr>
<td>18 crescent wing</td>
<td>54 profiled leading-edge flap (droop flap)</td>
</tr>
<tr>
<td>19 delta wing</td>
<td>55 Kruger flap</td>
</tr>
<tr>
<td>20 swept-back wing with semi-positive sweepback</td>
<td></td>
</tr>
<tr>
<td>21 swept-back wing with positive sweepback</td>
<td></td>
</tr>
<tr>
<td>22 ogival wing (ogee wing)</td>
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<tr>
<td>23-36 tail shapes (tail unit shapes, empennage shapes)</td>
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<tr>
<td>23 normal tail (normal tail unit)</td>
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<tr>
<td>24-25 vertical tail (vertical stabilizer and rudder)</td>
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</tr>
<tr>
<td>24 vertical stabilizer (vertical fin, tail fin)</td>
<td></td>
</tr>
<tr>
<td>25 rudder</td>
<td></td>
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<tr>
<td>26-27 horizontal tail</td>
<td></td>
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<tr>
<td>26 tailplane (horizontal stabilizer)</td>
<td></td>
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<tr>
<td>27 elevator</td>
<td></td>
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<tr>
<td>28 cruciform tail (cruciform tail unit)</td>
<td></td>
</tr>
<tr>
<td>29 T-tail (T-tail unit)</td>
<td></td>
</tr>
<tr>
<td>30 lobe</td>
<td></td>
</tr>
<tr>
<td>31 V-tail (vee-tail, butterfly tail)</td>
<td></td>
</tr>
<tr>
<td>32 double tail unit (twin tail unit)</td>
<td></td>
</tr>
<tr>
<td>33 end plate</td>
<td></td>
</tr>
<tr>
<td>34 double tail unit (twin tail unit) of a twin-boom aircraft</td>
<td></td>
</tr>
</tbody>
</table>
1-31 cockpit of a single-engine racing and passenger aircraft (racing and passenger plane)
1 instrument panel
2 air-speed (Am. airspeed) indicator
3 artificial horizon (gyro horizon)
4 altimeter
5 radio compass (automatic direction finder)
6 magnetic compass
7 boost gauge (Am. gage)
8 tachometer (rev counter, revolution counter)
9 cylinder temperature gauge (Am. gage)
10 accelerometer
11 chronometer
12 turn indicator with ball
13 directional gyro
14 vertical speed indicator (rate-of-climb indicator, variometer)
15 VOR radio direction finder [VOR: very high frequency omnidirectional range]
16 left tank fuel gauge (Am. gage)
17 right tank fuel gauge (Am. gage)
18 ammeter
19 fuel pressure gauge (Am. gage)
20 oil pressure gauge (Am. gage)
21 oil temperature gauge (Am. gage)
22 radio and radio navigation equipment
23 map light
24 wheel (control column, control stick) for operating the ailerons and elevators
25 co-pilot's wheel
26 switches
27 rudder pedals
28 co-pilot's rudder pedals
29 microphone for the radio
30 throttle lever (throttle control)
31 mixture control
32-66 single-engine (single-engined) racing and passenger aircraft (racing and passenger plane)
32 propeller (aircrew)
33 spinner
34 flat four engine
35 cockpit
36 pilot's seat
37 co-pilot's seat
38 passenger seats
39 hood (canopy, cockpit hood, cockpit canopy)
40 steerable nose wheel
41 main undercarriage unit (main landing gear unit)
42 step
43 wing
44 right navigation light (right position light)
45 spar
46 rib
47 stringer (longitudinal reinforcing member)
48 fuel tank
49 landing light
50 left navigation light (left position light)
51 electrostatic conductor
52 aileron
53 landing flap
54 fuselage (body)
55 frame (former)
56 chord
57 stringer (longitudinal reinforcing member)
58 vertical tail (vertical stabilizer and rudder)
59 vertical stabilizer (vertical fin, tail fin)
60 rudder
61 horizontal tail
62 tailplane (horizontal stabilizer)
63 elevator
64 warning light (anticollision light)
65 dipole antenna
66 long-wave antenna (long-conductor antenna)
67-72 principal manoeuvres (Am. maneuvers) of the aircraft (aeroplane, plane, Am. airplane)
67 pitching
68 lateral axis
69 yawing
70 vertical axis (normal axis)
71 rolling
72 longitudinal axis
1–33 types of aircraft (aeroplanes, planes, Am. airplanes)
1–6 propeller-driven aircraft (aeroplanes, planes, Am. airplanes)
1 single-engine (single-engined) racing and passenger aircraft (racing and passenger plane), a low-wing monoplane (low-wing plane)
2 single-engine (single-engined) passenger aircraft, a high-wing monoplane (high-wing plane)
3 twin-engine (twin-engined) business and passenger aircraft (business and passenger plane)
4 short/medium haul airliner, a turboprop plane (turbopropeller plane, propeller-turbine plane)
5 turboprop engine (turbopropeller engine)
6 vertical stabilizer (vertical fin, tail fin)
7–33 jet planes (jet aeroplanes, jets, Am. jet airplanes)
7 twin-jet business and passenger aircraft (business and passenger plane)
8 fence
9 wing-tip tank (tip tank)
10 rear engine
11 twin-jet short/medium haul airliner
12 tri-jet medium haul airliner
13 four-jet long haul airliner
14 wide-body long haul airliner (jumbo jet)
15 supersonic airliner [Concorde]
16 droop nose
17 twin-jet wide-body airliner for short/medium haul routes (airbus)
18 radar nose (radome, radar dome) with weather radar antenna
19 cockpit
20 galley
21 cargo hold (hold, underfloor hold)
22 passenger cabin with passenger seats
23 retractable nose undercarriage unit (retractable nose landing gear unit)
24 nose undercarriage flap (nose gear flap)
25 centre (Am. center) passenger door
26 engine pod with engine (turbojet engine, jet turbine engine, jet engine, jet turbine)
27 electrostatic conductors
28 retractable main undercarriage unit (retractable main landing gear unit)
29 side window
30 rear passenger door
31 toilet (lavatory, WC)
32 pressure bulkhead
33 auxiliary engine (auxiliary gas turbine) for the generator unit
1 flying boat, a seaplane
2 hull
3 stub wing (sea wing)
4 tail bracing wires
5 floatplane (float seaplane), a seaplane
6 float
7 vertical stabilizer (vertical fin, tail fin)
8 amphibian (amphibian flying boat)
9 hull
10 retractable undercarriage (retractable landing gear)
11-25 helicopters
11 light multirole helicopter
12-13 main rotor
12 rotary wing (rotor blade)
13 rotor head
14 tail rotor (anti-torque rotor)
15 landing skids
16 flying crane
17 turbine engines
18 lifting undercarriage
19 lifting platform
20 reserve tank
21 transport helicopter
22 rotors in tandem
23 rotor pylon
24 turbine engine
25 tail loading gate
26-32 V/STOL aircraft (vertical/short take-off and landing aircraft)
26 tilt-wing aircraft, a VTOL aircraft (vertical take-off and landing aircraft)
27 tilt wing in vertical position
28 contra-rotating tail propellers
29 gyrodine
30 turboprop engine (turbopropeller engine)
31 convertiplane
32 tilting rotor in vertical position
33-60 aircraft engines (aero engines)
33-50 jet engines (turbojet engines, jet turbine engines, jet turbines)
33 front fan-jet
34 fan
35 low-pressure compressor
36 high-pressure compressor
37 combustion chamber
38 fan-jet turbine
39 nozzle (propelling nozzle, propulsion nozzle)
40 turbines
41 bypass duct
42 aft fan-jet
43 fan
44 bypass duct
45 nozzle (propelling nozzle, propulsion nozzle)
46 bypass engine
47 turbines
48 mixer
49 nozzle (propelling nozzle, propulsion nozzle)
50 secondary air flow (bypass air flow)
51 turboprop engine (turbopropeller engine), a twin-shaft engine
52 annular air intake
53 high-pressure turbine
54 low-pressure turbine
55 nozzle (propelling nozzle, propulsion nozzle)
56 shaft
57 intermediate shaft
58 gear shaft
59 reduction gear
60 propeller shaft
1-30 main hall
1 parcels counter
2 parcels scales
3 parcel
4 stick-on address label with parcel registration slip
5 glue pot
6 small parcel
7 franking machine (Am. postage meter) for parcel registration cards
8 telephone box (telephone booth, telephone kiosk, call box)
9 coin-box telephone (pay phone, public telephone)
10 telephone directory rack
11 directory holder
12 telephone directory (telephone book)
13 post office boxes
14 post office box
15 stamp counter
16 counter clerk (counter officer)
17 company messenger
18 record of posting book
19 counter stamp machine
20 stamp book
21 sheet of stamps
22 security drawer
23 change rack
24 letter scales
25 paying-in (Am. deposit), post office savings, and pensions counter
26 accounting machine
27 franking machine for money orders and paying-in slips (Am. deposit slips)
28 change machine (Am. changemaker)
29 receipt stamp
30 hatch
31-44 letter-sorting installation
31 letter feed
32 stacked letter containers
33 feed conveyor
34 intermediate stacker
35 coding station
36 pre-distributor channel
37 process control computer
38 distributing machine
39 video coding station
40 screen
41 address display
42 address
43 post code (postal code, Am. zip code)
44 keyboard
45 handstamp
46 roller stamp
47 franking machine
48 feed mechanism
49 delivery mechanism
50-55 postal collection and delivery
50 postbox (Am. mailbox)
51 collection bag
52 post office van (mail van)
53 postman (Am. mail carrier, letter carrier, mailman)
54 delivery pouch (postman's bag, mailbag)
55 letter-rate item
56-60 postmarks
56 postmark advertisement
57 date stamp postmark
58 charge postmark
59 special postmark
60 roller postmark
61 stamp (postage stamp)
62 perforations
237 Post Office II (Telephones and Telegraphy)

1 telephone box (telephone booth, telephone kiosk, call box), a public telephone
2 telephone user (with own telephone: telephone subscriber, telephone customer)
3 coin-box telephone (pay phone, public telephone) for local and long-distance calls (trunk calls)
4 emergency telephone
5 telephone directory (telephone book)
6-26 telephone instruments (telephones)
6 standard table telephone
7 telephone receiver (handset)
8 earpiece
9 mouthpiece (microphone)
10 dial (push-button keyboard)
11 finger plate (dial finger plate, dial wind-up plate)
12 finger stop (dial finger stop)
13 cradle (handset cradle, cradle switch)
14 receiver cord (handset cord)
15 telephone casing (telephone cover)
16 subscriber's (customer's) private meter
17 switchboard (exchange) for a system of extensions
18 push button for connecting main exchange lines
19 push buttons for calling extensions
20 push-button telephone
21 earthing button for the extensions
22-26 switchboard with extensions
22 exchange
23 switchboard operator's set
24 main exchange line
25 switching box (automatic switching system, automatic connecting system, switching centre, Am. center)
26 extension
27-41 telephone exchange
27 fault repair service
28 maintenance technician
29 testing board (testing desk)
30 telegraphy
31 teleprinter (teletypewriter)
32 paper tape
33 directory enquiries
34 information position (operator's position)
35 operator
36 microfilm reader
37 microfilm file
38 microfilm card with telephone numbers
39 date indicator display
40 testing and control station
41 switching centre (Am. center) for telephone, telex, and data transmission services
42 selector, a motor unselector made of noble metals; sim.: electronic selector
43 contact arc (bank)
44 contact arm (wiper)
45 contact field
46 contact arm tag
47 electromagnet
48 selector motor
49 restoring spring (resetting spring)
50 communication links
51-52 satellite radio link
51 earth station with directional antenna
52 communications satellite with directional antenna
53 coastal station
54-55 intercontinental radio link
54 short-wave station
55 ionosphere
56 submarine cable (deep-sea cable)
57 underwater amplifier
58 data transmission (data services)
59 input/output device for data carriers
60 data processor
61 teleprinter
62-64 data carriers
62 punched tape (punch tape)
63 magnetic tape
64 punched card (punch card)
65 telex link
66 teleprinter (page printer)
67 dialling (Am. dialing) unit
68 telex tape (punched tape, punch tape) for transmitting the text at maximum speed
69 telex message
70 keyboard
<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-6</td>
<td>central recording channel of a radio station</td>
</tr>
<tr>
<td>1</td>
<td>monitoring and control panel</td>
</tr>
<tr>
<td>2</td>
<td>data display terminal (video data terminal, video monitor) for visual display of computer-controlled programmes (Am. programs)</td>
</tr>
<tr>
<td>3</td>
<td>amplifier and mains power unit</td>
</tr>
<tr>
<td>4</td>
<td>magnetic sound recording and playback deck for 1/2&quot; magnetic tape</td>
</tr>
<tr>
<td>5</td>
<td>magnetic tape, 1/2&quot; tape</td>
</tr>
<tr>
<td>6</td>
<td>film spool holder</td>
</tr>
<tr>
<td>7-15</td>
<td>radio switching centre (Am. center) control room</td>
</tr>
<tr>
<td>7</td>
<td>monitoring and control panel</td>
</tr>
<tr>
<td>8</td>
<td>talkback speaker</td>
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<tr>
<td>9</td>
<td>local-battery telephone</td>
</tr>
<tr>
<td>10</td>
<td>talkback microphone</td>
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<tr>
<td>11</td>
<td>data display terminal (video data terminal)</td>
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<tr>
<td>12</td>
<td>teleprinter</td>
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<tr>
<td>13</td>
<td>input keyboard for computer data</td>
</tr>
<tr>
<td>14</td>
<td>telephone switchboard panel</td>
</tr>
<tr>
<td>15</td>
<td>monitoring speaker (control speaker)</td>
</tr>
<tr>
<td>16-20</td>
<td>broadcasting centre (Am. center)</td>
</tr>
<tr>
<td>16</td>
<td>recording room</td>
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<tr>
<td>17</td>
<td>production control room (control room)</td>
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<tr>
<td>18</td>
<td>studio</td>
</tr>
<tr>
<td>19</td>
<td>sound engineer (sound control engineer)</td>
</tr>
<tr>
<td>20</td>
<td>sound control desk (sound control console)</td>
</tr>
<tr>
<td>21</td>
<td>newscaster (newscaster)</td>
</tr>
<tr>
<td>22</td>
<td>duty presentation officer</td>
</tr>
<tr>
<td>23</td>
<td>telephone for phoned reports</td>
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<tr>
<td>24</td>
<td>record turntable</td>
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<tr>
<td>25</td>
<td>recording room mixing console (mixing desk, mixer)</td>
</tr>
<tr>
<td>26</td>
<td>sound technician (sound mixer, sound recordist)</td>
</tr>
<tr>
<td>27-33</td>
<td>television post-sync studio</td>
</tr>
<tr>
<td>27</td>
<td>sound production control room (sound control room)</td>
</tr>
<tr>
<td>28</td>
<td>dubbing studio (dubbing theatre, Am. theater)</td>
</tr>
<tr>
<td>29</td>
<td>studio table</td>
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<tr>
<td>30</td>
<td>visual signal</td>
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<tr>
<td>31</td>
<td>electronic stopclock</td>
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<td>32</td>
<td>projection screen</td>
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<tr>
<td>33</td>
<td>monitor</td>
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<tr>
<td>34</td>
<td>studio microphone</td>
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<td>35</td>
<td>sound effects box</td>
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<tr>
<td>36</td>
<td>microphone socket panel</td>
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<tr>
<td>37</td>
<td>recording speaker (recording loudspeaker)</td>
</tr>
<tr>
<td>38</td>
<td>control room window (studio window)</td>
</tr>
<tr>
<td>39</td>
<td>producer's talkback microphone</td>
</tr>
<tr>
<td>40</td>
<td>local-battery telephone</td>
</tr>
<tr>
<td>41</td>
<td>sound control desk (sound control console)</td>
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<tr>
<td>42</td>
<td>group selector switch</td>
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<tr>
<td>43</td>
<td>visual display</td>
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<tr>
<td>44</td>
<td>limiter display (clipper display)</td>
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<tr>
<td>45</td>
<td>control modules</td>
</tr>
<tr>
<td>46</td>
<td>pre-listening buttons</td>
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<tr>
<td>47</td>
<td>slide control</td>
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<td>48</td>
<td>universal equalizer (universal corrector)</td>
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<tr>
<td>49</td>
<td>input selector switch</td>
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<tr>
<td>50</td>
<td>pre-listening speaker</td>
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<tr>
<td>51</td>
<td>tone generator</td>
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<tr>
<td>52</td>
<td>talkback speaker</td>
</tr>
<tr>
<td>53</td>
<td>talkback microphone</td>
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<tr>
<td>54-59</td>
<td>pre-mixing room for transferring and mixing 16 mm, 17.5 mm, 35 mm perforated magnetic film</td>
</tr>
<tr>
<td>54</td>
<td>sound control desk (sound control console)</td>
</tr>
<tr>
<td>55</td>
<td>compact magnetic tape recording and playback equipment</td>
</tr>
<tr>
<td>56</td>
<td>single playback deck</td>
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<tr>
<td>57</td>
<td>central drive unit</td>
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<tr>
<td>58</td>
<td>single recording and playback deck</td>
</tr>
<tr>
<td>59</td>
<td>rewind bench</td>
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<tr>
<td>60-65</td>
<td>final picture quality checking room</td>
</tr>
<tr>
<td>60</td>
<td>preview monitor</td>
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<tr>
<td>61</td>
<td>programme (Am. program) monitor</td>
</tr>
<tr>
<td>62</td>
<td>stopclock</td>
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<tr>
<td>63</td>
<td>vision mixer (vision-mixing console, vision-mixing desk)</td>
</tr>
<tr>
<td>64</td>
<td>talkback system (talkback equipment)</td>
</tr>
<tr>
<td>65</td>
<td>camera monitor (picture monitor)</td>
</tr>
</tbody>
</table>
1 radio cassette recorder
2 carrying handle
3 push buttons for the cassette recorder unit
4 station selector buttons (station preset buttons)
5 built-in microphone
6 cassette compartment
7 tuning dial
8 slide control (for volume or tone)
9 tuning knob (tuning control, tuner)
10 compact cassette
11 cassette box (cassette holder, cassette cabinet)
12 cassette tape
13-48 stereo system (also: quadraphonic system) made up of Hi-Fi components
13-14 stereo speakers
14 speaker (loudspeaker), a three-way speaker with crossover (crossover network)
15 tweeter
16 mid-range speaker
17 woofer
18 record player (automatic record changer, auto changer)
19 record player housing (record player base)
20 turntable
21 tone arm
22 counterbalance (counterweight)
23 gimbal suspension
24 stylus pressure control (stylus force control)
25 anti-skate control
26 magnetic cartridge with (conical or elliptical) stylus, a diamond
27 tone arm lock
28 tone arm lift
29 speed selector (speed changer)
30 starter switch
31 treble control
32 dust cover
33 stereo cassette deck
34 cassette compartment
35-36 recording level meters (volume unit meters, VU meters)
35 left-channel recording level meter
36 right-channel recording level meter
37 tuner
38 VHF (FM) station selector buttons
39 tuning meter
40 amplifier; tuner and amplifier together: receiver (control unit)
41 volume control
42 four-channel balance control (level control)
43 treble and bass tuning
44 input selector
45 four-channel demodulator for CD4 records
46 quadra/stereo converter
47 cassette box (cassette holder, cassette cabinet)
48 record storage slots (record storage compartments)
49 microphone
50 microphone screen
51 microphone base (microphone stand)
52 three-in-one stereo component system (automatic record changer, cassette deck, and stereo receiver)
53 tone arm balance
54 tuning meters
55 indicator light for automatic FeO/CrO2 tape switch-over
56 open-reel-type recorder, a two or four-track unit
57 tape reel (open tape reel)
58 open-reel tape (recording tape, f'" tape)
59 sound head housing with erasing head (erase head), recording head, and reproducing head (or: combined head)
60 tape deflector roller and end switch (limiter switch)
61 recording level meter (VU meter)
62 tape speed selector
63 on/off switch
64 tape counter
65 stereo microphone sockets (stereo microphone jacks)
66 headphones (headset)
67 padded headphone (padded headpiece)
68 membrane
69 earcups (earphones)
70 headphone cable plug, a standard multi-pin plug
71 headphone cable (headphone cord)
1-4 AV (audio-visual) camera with recorder
1 camera
2 lens
3 built-in microphone
4 portable video (videotape) recorder (for ¾” open-reel magnetic tape)
5-36 VCR (video cassette recorder) system
5 VCR cassette (for ¾” magnetic tape)
6 domestic television receiver (also: monitor)
7 video cassette recorder
8 cassette compartment
9 tape counter
10 centering (centering) control
11 sound (audio) recording level control
12 recording level indicator
13 control buttons (operating keys)
14 tape threading indicator light
15 changeover switch for selecting audio or video recording level display
16 on/off switch
17 station selector buttons (station preset buttons)
18 built-in timer switch
19 VCR (video cassette recorder) head drum
20 erasing head (erase head)
21 stationary guide (guide pin)
22 tape guide
23 capstan
24 audio sync head
25 pinch roller
26 video head
27 grooves in the wall of the head drum to promote air cushion formation
28 VCR (video cassette recorder) track format
29 tape feed
30 direction of video head movement
31 video track, a slant track
32 sound track (audio track)
33 sync track
34 sync head
35 sound head (audio head)
36 video head

37-45 TED (television disc) system
37 video disc player
38 disc slot with inserted video disc
39 programme (Am. program) selector
40 programme (Am. program) scale (programme dial)
41 operating key (play)
42 key for repeating a scene (scene-replay key, "select")
43 stop key
44 video disc
45 video disc jacket
46-60 VLP (video long play) video disc system
46 video disc player
47 cover projection (below it: scanning zone)
48 operating keys
49 slow motion control
50 optical system [diagram]
51 VLP video disc
52 lens
53 laser beam
54 rotating mirror
55 semi-reflecting mirror
56 photodiode
57 helium-neon laser
58 video signals on the surface of the video disc
59 signal track
60 individual signal element ("pit")
1-36 executive's office
1 swivel chair
2 desk
3 writing surface (desk top)
4 desk drawer
5 cupboard (storage area) with
door
6 desk mat (blotter)
7 business letter
8 appointments diary
9 desk set
10 intercom (office intercom)
11 desk lamp
12 pocket calculator (electronic
calculator)
13 telephone, an executive-
secretary system
14 dial; also: push-button
keyboard
15 call buttons
16 receiver (telephone receiver)
17 dictating machine
18 position indicator
19 control buttons (operating keys)
20 cabinet

21 visitor's chair
22 safe
23 bolts (locking mechanism)
24 armour (Am. armor) plating
25 confidential documents
26 patent
27 petty cash
28 picture
29 bar (drinks cabinet)
30 bar set
31-36 conference grouping
31 conference table
32 pocket-sized dictating machine
(micro cassette recorder)
33 ashtray
34 corner table
35 table lamp
36 two-seater sofa [part of the
conference grouping]

1-44 office equipment (office
supplies, office materials)
1, 2 paper clips
3 punch
4 stapler (stapling machine)
5 anvil
6 spring-loaded magazine
7 type-cleaning brush for
typewriters
8 type cleaner (type-cleaning kit)
9 fluid container (fluid reservoir)
10 cleaning brush
11 felt tip pen
12 correcting paper [for typing
errors]
13 correcting fluid [for typing
errors]
14 electronic pocket calculator
15 eight-digit fluorescent display
16 on/off switch
17 function keys
18 number keys
19 decimal key
20 'equals' key
21 instruction keys (command keys)
22 memory keys
23 percent key (percentage key)
24 π-key (pi-key) for mensuration
of circles
25 pencil sharpener
26 typewriter rubber
27 adhesive tape dispenser
28 adhesive tape holder (roller-type
adhesive tape dispenser)
29 roll of adhesive tape
30 tear-off edge
31 moistener
32 desk diary
33 date sheet (calendar sheet)
34 memo sheet
35 ruler
36 centimetre and millimetre (Am.
centimeter and millimeter)
graduations
37 file (document file)
38 spine label (spine tag)
39 finger hole
40 arch board file
41 arch unit
42 release lever (locking lever,
release/lock lever)
43 compressor
44 bank statement (statement of
account)
1-48 open plan office
1 partition wall (partition screen)
2 filing drawer with suspension file system
3 suspension file
4 file tab
5 file (document file)
6 filing clerk
7 clerical assistant
8 note for the files
9 telephone
10 filing shelves
11 clerical assistant's desk
12 office cupboard
13 plant stand (planter)
14 indoor plants (houseplants)
15 programmer
16 data display terminal (visual display unit)
17 customer service representative
18 customer
19 computer-generated design (computer-generated art)
20 sound-absorbing partition

21 typist
22 typewriter
23 filing drawer
24 customer card index
25 office chair, a swivel chair
26 typing desk
27 card index box
28 multi-purpose shelving
29 proprietor
30 business letter
31 proprietor's secretary
32 shorthand pad (Am. steno pad)
33 audio typist
34 dictating machine
35 earphone
36 statistics chart
37 pedestal containing a cupboard or drawers
38 sliding-door cupboard
39 office furniture arranged in an angular configuration
40 wall-mounted shelf
41 letter tray
42 wall calendar
43 data centre (Am. center)
44 calling up information on the data display terminal (visual display unit)
45 waste paper basket
46 sales statistics
47 EDP print-out, a continuous fan-fold sheet
48 connecting element
<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>electric typewriter, a golf ball typewriter</td>
</tr>
<tr>
<td>2-6</td>
<td>keyboard, space bar, shift key, line space and carrier return key, shift lock</td>
</tr>
<tr>
<td>7</td>
<td>tabulator key</td>
</tr>
<tr>
<td>8</td>
<td>tabulator clear key</td>
</tr>
<tr>
<td>9</td>
<td>on/off switch</td>
</tr>
<tr>
<td>10</td>
<td>striking force control (impression control)</td>
</tr>
<tr>
<td>11</td>
<td>ribbon selector</td>
</tr>
<tr>
<td>12</td>
<td>margin scale</td>
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<tr>
<td>13</td>
<td>left margin stop</td>
</tr>
<tr>
<td>14</td>
<td>right margin stop</td>
</tr>
<tr>
<td>15</td>
<td>golf ball (spherical typing element) bearing the types</td>
</tr>
<tr>
<td>16</td>
<td>ribbon cassette</td>
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<tr>
<td>17</td>
<td>paper bail with rollers</td>
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<tr>
<td>18</td>
<td>platen</td>
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<tr>
<td>19</td>
<td>typing opening (typing window)</td>
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<tr>
<td>20</td>
<td>paper release lever</td>
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<td>21</td>
<td>carrier return lever</td>
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<td>22</td>
<td>platen knob</td>
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<td>23</td>
<td>line space adjuster</td>
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<td>24</td>
<td>variable platen action lever</td>
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<td>25</td>
<td>push-in platen variable</td>
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<td>26</td>
<td>erasing table</td>
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<td>27</td>
<td>transparent cover</td>
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<tr>
<td>28</td>
<td>exchange golf ball (exchange typing element)</td>
</tr>
<tr>
<td>29</td>
<td>type</td>
</tr>
<tr>
<td>30</td>
<td>golf ball cap (cap of typing element)</td>
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<tr>
<td>31</td>
<td>teeth</td>
</tr>
<tr>
<td>32</td>
<td>web-fed automatic copier</td>
</tr>
<tr>
<td>33</td>
<td>magazine for paper roll</td>
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<tr>
<td>34</td>
<td>paper size selector (format selection)</td>
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<td>35</td>
<td>print quantity selection</td>
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<tr>
<td>36</td>
<td>contrast control</td>
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<td>37</td>
<td>main switch (on/off switch)</td>
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<td>38</td>
<td>start print button</td>
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<td>39</td>
<td>document glass</td>
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<td>40</td>
<td>transfer blanket</td>
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<td>41</td>
<td>toner roll</td>
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<td>42</td>
<td>exposure system</td>
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<td>43</td>
<td>print delivery (copy delivery)</td>
</tr>
<tr>
<td>44</td>
<td>letter-folding machine</td>
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<td>45</td>
<td>paper feed</td>
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<td>46</td>
<td>folding mechanism</td>
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<td>47</td>
<td>receiving tray</td>
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<td>48</td>
<td>small offset press</td>
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<td>49</td>
<td>paper feed</td>
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<td>50</td>
<td>lever for inking the plate cylinder</td>
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<tr>
<td>51-52</td>
<td>inking unit (inker unit)</td>
</tr>
<tr>
<td>53</td>
<td>distributing roller (distributor)</td>
</tr>
<tr>
<td>54</td>
<td>ink roller (inking roller, fountain roller)</td>
</tr>
<tr>
<td>55</td>
<td>pressure adjustment</td>
</tr>
<tr>
<td>56</td>
<td>sheet delivery (receiving table)</td>
</tr>
<tr>
<td>57</td>
<td>printing speed adjustment</td>
</tr>
<tr>
<td>58</td>
<td>jogger for aligning the piles of sheets</td>
</tr>
<tr>
<td>59</td>
<td>pile of paper (pile of sheets)</td>
</tr>
<tr>
<td>60</td>
<td>folding machine</td>
</tr>
<tr>
<td>61</td>
<td>gathering machine (collating machine, assembling machine) for short runs</td>
</tr>
<tr>
<td>62</td>
<td>gathering station (collating station, assembling station)</td>
</tr>
<tr>
<td>63</td>
<td>adhesive binder (perfect binder) for hot adhesives</td>
</tr>
<tr>
<td>64</td>
<td>magnetic tape dictating machine</td>
</tr>
<tr>
<td>65</td>
<td>headphones (headset, earphones)</td>
</tr>
<tr>
<td>66</td>
<td>on/off switch</td>
</tr>
<tr>
<td>67</td>
<td>microphone cradle</td>
</tr>
<tr>
<td>68</td>
<td>foot control socket</td>
</tr>
<tr>
<td>69</td>
<td>telephone adapter socket</td>
</tr>
<tr>
<td>70</td>
<td>telephone socket (earphone socket, headset socket)</td>
</tr>
<tr>
<td>71</td>
<td>microphone socket</td>
</tr>
<tr>
<td>72</td>
<td>built-in loudspeaker</td>
</tr>
<tr>
<td>73</td>
<td>indicator lamp (indicator light)</td>
</tr>
<tr>
<td>74</td>
<td>cassette compartment</td>
</tr>
<tr>
<td>75</td>
<td>forward wind, rewind, and stop buttons</td>
</tr>
<tr>
<td>76</td>
<td>time scale with indexing marks</td>
</tr>
<tr>
<td>77</td>
<td>time scale stop</td>
</tr>
</tbody>
</table>
1-11 main hall
1 cashier’s desk (cashier’s counter)
2 teller (cashier)
3 bullet-proof glass
4 service counters (service and advice for savings accounts, private and company accounts, personal loans)
5 bank clerk
6 customer
7 brochures
8 stock list (price list, list of quotations)
9 information counter
10 foreign exchange counter
11 entrance to strong room
12 bill of exchange (bill); here: a draft, an acceptance (a bank acceptance)
13 place of issue
14 date of issue
15 place of payment
16 date of maturity (due date)
17 bill clause (draft clause)
18 value

1-10 stock exchange (exchange for the sale of securities, stocks, and bonds)
1 exchange hall (exchange floor)
2 market for securities
3 broker’s pest
4 sworn stockbroker (exchange broker, stockbroker, Am. specialist), an inside broker
5 kerbstone broker (kerbstoner, curbstone broker, curbstoner, outside broker), a commercial broker dealing in unlisted securities
6 members of the stock exchange (stockjobber, Am. floor trader, room trader)
7 stock exchange agent (boardman), a bank employee
8 quotation board
9 stock exchange attendant (waiter)
10 telephone box (telephone booth, telephone kiosk, call box)
11-19 securities; kinds: share (Am. stock), fixed-income security, annuity, bond, debenture bond, municipal bond (corporation stock), industrial bond, convertible bond
11 share certificate (Am. stock certificate); here: bearer share (share warrant)
12 par (par value, nominal par, face par) of the share
13 serial number
14 page number of entry in bank’s share register (bank’s stock ledger)
15 signature of the chairman of the board of governors
16 signature of the chairman of the board of directors
17 sheet of coupons (coupon sheet, dividend coupon sheet)
18 dividend warrant (dividend coupon)
19 talon
1-28 coins (coin, coinage, metal money, specie, Am. hard money; kinds: gold, silver, nickel, copper, or aluminium, Am. aluminum, coins)

1 Athens: nugget-shaped tetradrachm (tetradrachmon, tetradrachma)
2 the owl (emblem of the city of Athens)
3 aureus of Constantine the Great
4 bracteate of Emperor Frederick I Barbarossa
5 Louis XIV louis-d'or
6 Prussia: 1 reichstaler (speciesterler) of Frederick the Great
7 Federal Republic of Germany: 5 Deutschmarks (DM); 1 DM = 100 pfennigs
8 obverse
9 reverse (subordinate side)
10 mint mark (mintage, exergue)
11 legend (inscription on the edge of a coin)
12 device (type), a provincial coat of arms
13 Austria: 25 schillings; 1 sch = 100 Groschen
14 provincial coats of arms
15 Switzerland: 5 francs; 1 franc = 100 centimes
16 France: 1 franc = 100 centimes
17 Belgium: 100 francs
18 Luxembourg (Luxemburg): 1 franc
19 Netherlands: 2½ guilders; 1 guilder (florin, gulden) = 100 cents
20 Italy: 10 lire (sg. lira)
21 Vatican City: 10 lire (sg. lira)
22 Spain: 1 peseta = 100 centimos
23 Portugal: 1 escudo = 100 centavos
24 Denmark: 1 krone = 100 øre
25 Sweden: 1 krone = 100 øre
26 Norway: 1 krone = 100 øre
27 Czechoslovakia: 1 koruna = 100 heller
28 Yugoslavia: 1 dinar = 100 paras
29-39 banknotes (Am. bills) (paper money, notes, treasury notes)

29 Federal Republic of Germany: 20 DM
30 bank of issue (bank of circulation)
31 watermark (a portrait)
32 denomination
33 USA: 1 dollar($) = 100 cents
34 facsimile signatures
35 impressed stamp
36 serial number
37 United Kingdom of Great Britain and Northern Ireland: 1 pound sterling (£1) = 100 new pence (100 p.); (sg. new penny, new p.)
38 guilloched pattern
39 Greece: 1,000 drachmas (drachmae): 1 drachma = 100 lepta (sg. lepton)
40-44 striking of coins (coinage, mintage)
40-41 coining dies (minting dies)
40 upper die
41 lower die
42 collar
43 coin disc (disk) (flan, planchet, blank)
44 coining press (minting press)
1.98 army weaponry
1.39 hand weapons
1.1 PI pistol
1.2 barrel
3.1 front sight (foresight)
4.1 hammer
5.1 trigger
6.1 pistol grip
7.1 magazine holder
8.1 MPZ sub-machine gun
9.1 shoulder rest (butt)
10.1 casing (mechanism casing)
11.1 barrel clamp (barrel-clamping nut)
12.1 cocking lever (cocking handle)
13.1 palm rest
14.1 safety catch
15.1 magazine
16.1 G3-A3 self-loading rifle
17.1 barrel
18.1 flash hider (flash eliminator)
19.1 palm rest
20.1 trigger mechanism
21.1 magazine
22.1 notch (sighting notch, rear sight)
23.1 front sight block (foresight block) with front sight (foresight)
24.1 rifle butt (butt)
25.1 44 mm anti-tank rocket launcher
26.1 rocket (projectile)
27.1 buffer
28.1 telescopic sight (telescope sight)
29.1 firing mechanism
30.1 cheek rest
31.1 shoulder rest (butt)
32.1 MG3 machine gun (Spandau)
33.1 barrel casing
34.1 gas regulator
35.1 belt-changing flap
36.1 rearsight
37.1 front sight block (foresight block) with front sight (foresight)
38.1 pistol grip
39.1 shoulder rest (butt)
40.1.95 heavy weapons
40.1 120 mm AM 50 mortar
41.1 barrel
42.1 biped
43.1 gun carriage
44.1 buffer (buffer ring)
45.1 sight (sighting mechanism)
46.1 base plate
47.1 striker pad
48.1 traversing handle
49.1-74 artillery weapons mounted on self-propelled gun carriages
49.1-175 mm SPM 107 cannon
50.1 drive wheel
51.1 elevating piston
52.1 buffer (buffer recuperator)
53.1 hydraulic system
54.1 breech ring
55.1 spade
56.1 spade piston
57.1 155 mm M 109 G self-propelled gun
58.1 muzzle
59.1 fume extractor
60.1 barrel cradle
61.1 barrel recuperator
62.1 barrel clamp
63.1 light anti-aircraft (AA) machine gun
64.1 Honest John M 386 rocket launcher
65.1 rocket with warhead
66.1 launching ramp
67.1 elevating gear
68.1 jack
69.1 cable winch
70.1 110 SIV rocket launcher
71.1 disposable rocket tubes
72.1 tube bins
73.1 turntable
74.1 fire control system
75.1 2.5 tonne construction vehicle
76.1 lifting arms (lifting device)
77.1 shovel
78.1 counterweight (counterpoise)
79.1-95 armoured (Am. armored) vehicles
79.1 M 113 armoured (Am. armored) ambulance
80.1 Leopard 1 A3 tank
81.1 protection device
82.1 infrared laser rangefinder
83.1 smoke canisters (smoke dispensers)
84.1 armoured (Am. armored) turret
85.1 skirt
86.1 road wheel
87.1 track
88.1 anti-tank tank
89.1 fume extractor
90.1 protection device
91.1 armoured (Am. armored) personnel carrier
92.1 cannon
93.1 armoured (Am. armored) recovery vehicle
94.1 levelling (Am. leveling) and support shovel
95.1 lift
96.1 25 tonne all purpose vehicle
97.1 drop windscreen (Am. drop windshield)
98.1 canvas cover
1-63 light battle ships
1 destroyer
2 hull of flush-deck vessel
3 bow (stem)
4 flapstaff (jackstaff)
5 anchor; a stockless anchor (patent anchor)
6 anchor capstan (windlass)
7 breakwater (Am. manger board)
8 chine strake
9 main deck
10-28 superstructures
10 superstructure deck
11 life rafts
12 cutter (ship's boat)
13 davit (boating Launching crane)
14 bridge (Bridge superstructure)
15 side navigation light (side running light)
16 antenna
17 radio direction finder (RDF) frame
18 lattice mast
19 forward funnel
20 aft funnel
21 cowl
22 aft superstructure (poop)
23 capstan
24 companion ladder (companionway, companion hatch)
25 cuciage staff
26 stern, a transom stern
27 waterline
28 searchlight
29-37 armament
29-100 mm gun turret
30 four-barrel anti-submarine rocket launcher (missile launcher)
31 40 mm twin anti-aircraft (AA) gun
32 MM 38 anti-aircraft (AA) rocket launcher (missile launcher) in launching container
33 anti-submarine torpedo tube
34 depth charge thrower
35 weapon system radar
36 radar antenna (radar scanner)
37 optical rangefinder
38 destroyer
39 bower anchor
40 propeller guard
41 tripod lattice mast
42 pole mast
43 ventilator openings (ventilator grill)
44 exhaust pipe
45 ship's boat
46 antenna
47 radar-controlled 127 mm all-purpose gun in turret

48 127 mm all-purpose gun
49 launcher for Tartar missiles
50 anti-submarine rocket (ASROC)
51 launcher (missile launcher)
52 fire control radar antennas
53 radome (radar dome)
54 frigate
55 hawse pipe
56 steaming light
57 navigation light (running light)
58 air exhauster duct
59 funnel
60 cowl
61 cowl
62 stern light
63 propeller guard boss
64-91 fighting ships
64 submarine
65 flooded foredeck
66 pressure hull
67 turret
68 retractable instruments
69 E-boat (torpedo boat)
70-76 mm all-purpose gun with turret
71 missile-launching housing
72 deckhouse
73 40 mm anti-aircraft (AA) gun
74 propeller guard moulding (Am. moulding)
75 143 class E-boat (143 class torpedo boat)
76 breakwater (Am. manger board)
77 radome (radar dome)
78 torpedo tube
79 exhaust escape flue
80 mine hunter
81 reinforced rubbing strake
82 inflatable boat (inflatable dinghy)
83 davit
84 minesweeper
85 cable winch
86 towing winch (towing machine, towing engine)
87 mine-sweeping gear (paravanes)
88 crane (davit)
89 landing craft
90 bow ramp
91 stern ramp
92-97 auxiliaries
92 tender
93 servicing craft
94 minelay
95 training ship
96 deep-sea salvage tug
97 fuel tanker (replenishing ship)
1 nuclear-powered aircraft carrier
   "Nimitz CVN 68" (USA)
2 11 body plan
3 flight deck
4 island (bridge)
5 aircraft lift (Am. aircraft elevator)
6 eight-barrel anti-aircraft (AA) rocket launcher (missile launcher)
7 pole mast (antenna mast)
8 antenna
9 radar antenna (radar scanner)
10 fully enclosed bow
11 deck crane
12 transom stem
13 deck plan
14 angle deck (flight deck)
15 aircraft lift (Am. aircraft elevator)
16 twin launching catapult
17 hinged (movable) bottle board
18 arrester wire
19 emergency crash barrier
20 safety net
21 arrester (cofferdam)
22 eight-barrel anti-aircraft (AA) rocket launcher (missile launcher)
23 Kirov class rocket cruiser (USSR)
24 hull of flush-deck vessel
25 sheer
26 twelve-barrel underwater salvo rocket launcher (missile launcher)
27 twin anti-aircraft (AA) rocket launcher (missile launcher)
28 launching housing for four short range rockets (missiles)
29 battle board
30 bridge
31 radar antenna (radar scanner)
32 twin 76 mm anti-aircraft (AA) gun turret
33 funnel
34 funnel
35 automatic anti-aircraft (AA) gun
36 ship's boat
37 underwater 5-torpedo housing
38 underwater 6-salvo rocket launcher (missile launcher)
39 helicopter hangar
40 variable depth sonar (VDS)
41 "California" class rocket cruiser (USSR)
42 hall
43 forward turret
44 aft turret
45 forward superstructure
46 landing craft
47 antenna
48 radar antenna (radar scanner)
49 radar dome (radar dome)
50 surface-to-air rocket launcher (missile launcher)
51 underwater rocket launcher (missile launcher)
52 127 mm gun with turret
53 helicopter landing platform
54 nuclear-powered fleet
55 74 middle section (diagram)
56 pressure hull
57 auxiliary engine room
58 rotary turbine pump
59 steam turbine generator
60 propeller shaft
61 thrust block
62 reduction gear
63 high and low pressure turbine
64 high-pressure steam pipe for the secondary water circuit (auxiliary water circuit)
65 condenser
66 primary water circuit
67 heat exchanger
68 reactor core
69 control rods
70 lead screen
71 reactor core
72 snorkel (schnorkel)
73 air inlet
74 retractable instruments
75 patrol submarine with conventional (diesel-electric) drive
76 pressure hull
77 flooded foredeck
78 outer flap (outer doors) (for torpedoes)
79 torpedo tube
80 bow bilge
81 anchor
82 anchor winch
83 battery
84 living quarters with folding bunks
85 commanding officer's cabin
86 main hatchway
87 flagstaff
88 91 retractable instruments
89 attack periscope
90 antenna
91 radar antenna (radar scanner)
92 exhaust outlet
93 heat space (hot-pipe space)
94 diesel generators
95 aft diving plane and vertical rudder
96 forward vertical rudder

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1-45 grammar school; also: upper band of a comprehensive school (Am. alternative school)

1-13 chemistry
1 chemistry lab (chemistry laboratory) with tiered rows of seats
2 chemistry teacher
3 demonstration bench (teacher's bench)
4 water pipe
5 tiled working surface
6 sink
7 television monitor, a screen for educational programmes (Am. programs)
8 overhead projector
9 projector top for skins
10 projection lens with right-angle mirror
11 pupils' (Am. students') bench with experimental apparatus
12 electrical point (socket)
13 projection table
14-34 biology preparation room (biology prep room)
14 skeleton
15 casts of skulls
16 calvarium of Pithicanthropus Erectus
17 skull of Steinheim man
18 calvarium of Peaking man (of Sinanthropus)
19 skull of Neanderthal man, a skull of primitive man
20 Australopithecan skull (skull of Australopithecus)
21 skull of present-day man
22 dissecting bench
23 chemical bottles
24 gas tap
25 petri dish
26 measuring cylinder
27 work folder (teaching material)
28 textbook
29 bacteriological cultures
30 incubator
31 test tube rack
32 washing bottle
33 water tank
34 sink
35 language laboratory
36 blackboard

37 console
38 headphones (headset)
39 microphone
40 earcups
41 padded headband (padded headpiece)
42 programme (Am. program) recorder, a cassette recorder
43 pupil's (Am. student's) volume control
44 master volume control
45 control buttons (operating keys)
1–25 **university (college)**
1 lecture
2 lecture room (lecture theatre, *Am.* theater)
3 university lecturer (lecturer, *Am.* assistant professor)
4 lec
tern
5 lecture notes
6 demonstrator
7 assistant
8 diagram
9 student
10 student
11–25 **university library**
11 stack (book stack) with the stock of books
12 bookshelf, a steel shelf
13 reading room
14 member of the reading room staff, a librarian
15 periodicals rack with periodicals
16 newspaper shelf
17 reference library with reference books (handbooks, encyclopedias, dictionaries)

18 lending library and catalogue (*Am.* catalog) room
19 librarian
20 issue desk
21 main catalogue (*Am.* catalog)
22 card catalogue (*Am.* catalog)
23 card catalogue (*Am.* catalog)
drawer
24 library user
25 borrower's ticket (library ticket)

1–15 **election meeting, a public meeting**
1–2 **committee**
1 chairman
2 committee member
3 committee table
4 bell
5 election speaker (speaker)
6 rostrum
7 microphone
8 meeting (audience)
9 man distributing leaflets
10 stewards
11 armband (armlet)
12 banner
13 placard
14 proclamation
15 heckler
16–30 **election**
16 polling station (polling place)
17 election officer
18 electoral register
19 polling card with registration number (polling number)
20 ballot paper with the names of the parties and candidates
21 ballot envelope
22 voter
23 polling booth
24 elector (qualified voter)
25 election regulations
26 clerk
27 clerk with the duplicate list
28 election supervisor
29 ballot box
30 slot
1-33 police duties

1 police helicopter (traffic helicopter) for controlling (Am. controlling) traffic from the air
2 cockpit
3 rotor (main rotor)
4 tail rotor
5 police dog and handler
6 police dog
7 uniform
8 uniform cap, a peaked cap with cockade
9 traffic control by a mobile traffic patrol
10 patrol car
11 blue light
12 loud hailer (loudspeaker)
13 patrolman (police patrolman)
14 police signalling (Am. signaling) disc (disk)
15 riot duty
16 special armoured (Am. armored) car
17 barricade

18 policeman (police officer) in riot gear
19 truncheon (baton)
20 riot shield
21 protective helmet (helmet)
22 service pistol
23 pistol grip
24 quick-draw holster
25 magazine
26 police identification disc (disk)
27 police badge
28 fingerprint identification (dactyloscopy)
29 fingerprint
30 illuminated screen
31 search
32 suspect
33 detective (plainclothes policeman)
34 English policeman
35 helmet
36 pocket book
37 policewoman
38 police van

1-26 café, sim.: espresso bar, tea room
1 counter (cake counter)
2 coffee urn
3 tray for the money
4 gateau
5 meringue with whipped cream
6 trainee pastry cook
7 counter assistant
8 newspaper shelves (newspaper rack)
9 wall lamp
10 corner seat, an upholstered seat
11 café table
12 marble top
13 waitress
14 tray
15 bottle of lemonade
16 lemonade glass
17 chess players playing a game of chess
18 coffee set
19 cup of coffee
20 small sugar bowl
21 cream jug (Am. creamer)
22-24 café customers
22 gentleman
23 lady
24 man reading a newspaper
25 newspaper
26 newspaper holder
1-66 drinking water supply
1 water table (groundwater level)
2 water-bearing stratum (aquifer, aquifer)
3 groundwater stream (underground stream)
4 collector well for raw water
5 suction pipe
6 pump strainer (with foot valve)
7 bucket pump with motor
8 vacuum pump with motor
9 rapid-filter plant
10 filter gravel (filter bed)
11 filter bottom, a grid
12 filtered water outlet
13 purified water tank
14 suction pipe with pump strainer and foot valve
15 main pump with motor
16 delivery pipe
17 compressed-air vessel (air vessel, air receiver)
18 water tower
19 riser pipe (riser)
20 overflow pipe
21 outlet
22 distribution main
23 excess water conduit
24-39 tapping a spring
24 chamber
25 chamber wall
26 manhole
27 ventilator
28 stem irons
29 filling (backing)
30 outlet control valve
31 outlet valve
32 strainer
33 overflow pipe (overflow)
34 bottom outlet
35 earthenware pipes
36 impervious stratum (impermeable stratum)
37 rough rubble
38 water-bearing stratum (aquifer, aquifer)
39 loam seal (clay seal)
40-52 individual water supply
40 well
41 suction pipe
42 water table (groundwater level)
43 pump strainer with foot valve
44 centrifugal pump
45 motor
46 motor safety switch
47 manostat, a switching device
48 stopcock
49 delivery pipe
50 compressed-air vessel (air vessel, air receiver)
51 manhole
52 delivery pipe
53 water meter, a rotary meter
54 water inlet
55 counter gear assembly
56 cover with glass lid
57 water outlet
58 water-meter dial
59 counters
60 driven well (tube well, drive well)
61 pile shoe

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461
1-46 fire service drill
(extinguishing, climbing, ladder, and rescue work)
1-3 fire station
1 engine and appliance room
2 firemen's quarters
3 drill tower
4 fire alarm (fire alarm siren, fire siren)
5 fire engine
6 blue light (warning light), a flashing light (Am. flashlight)
7 horn (hooter)
8 motor pump, a centrifugal pump
9 motor turntable ladder (Am. aerial ladder)
10 ladder, a steel ladder (automatic extending ladder)
11 ladder mechanism
12 jack
13 ladder operator
14 extension ladder
15 ceiling hook (Am. preventer)
16 hook ladder (Am. pompier ladder)
17 holding squad
18 jumping sheet (sheet)
19 ambulance car (ambulance)
20 resuscitator (resuscitation equipment), oxygen apparatus
21 ambulance attendant (ambulance man)
22 armband (armlet, brassard)
23 stretcher
24 unconscious man
25 pit hydrant
26 standpipe (riser, vertical pipe)
27 hydrant key
28 hose reel (Am. hose cart, hose wagon, hose truck, hose carriage)
29 hose coupling
30 soft suction hose
31 delivery hose
32 dividing breeching
33 branch
34 branchmen
35 surface hydrant (fire plug)
36 officer in charge
37 fireman (Am. firefighter)
38 helmet (fireman's helmet, Am. fire hat)
39 breathing apparatus
40 face mask
41 walkie-talkie set
42 hand lamp
43 small axe (Am. ax, pompier hatchet)
44 hook belt
45 beltline
46 protective clothing of asbestos (asbestos suit) or of metallic fabric
47 breakdown lorry (Am. crane truck, wrecking crane)
48 lifting crane
49 load hook (draw hook, Am. drag hook)
50 support roll
51 water tender
52 portable pump
53 hose layer
54 flaked lengths of hose
55 cable drum
56 winch
57 face mask filter
58 active carbon (activated carbon, activated charcoal)
59 dust filter
60 air inlet
61 portable fire extinguisher
62 trigger valve
63 large mobile extinguisher (wheeled fire extinguisher)
64 foam-making branch (Am. foam gun)
65 fireboat
66 monitor (water cannon)
67 suction hose
1 cashier
2 electric cash register (till)
3 number keys
4 cancellation button
5 cash drawer (till)
6 compartments (money compartments) for coins and notes (Am. bills)
7 receipt (sales check)
8 cash total
9 adding mechanism
10 goods
11 glass-roofed well
12 men's wear department
13 showcase (display case, indoor display window)
14 wrapping counter
15 tray for purchases
16 customer
17 hosiery department
18 shop assistant (Am. salesgirl, saleslady)
19 price card
20 glove stand
21 duffle coat, a three-quarter length coat
22 escalator
23 fluorescent light (fluorescent lamp)
24 office (e.g. customer accounts office, travel agency, manager's office)
25 poster (advertisement)
26 theatre (Am. theater) and concert booking office (advance booking office)
27 shelves
28 ladies' wear department
29 ready-made dress (ready-to-wear dress, coll. off-the-peg dress)
30 dust cover
31 clothes rack
32 changing booth (fitting booth)
33 shop walker (Am. floorwalker, floor manager)
34 dummy
35 seat (chair)
36 fashion journal (fashion magazine)
37 tailor marking a hemline
38 measuring tape (tape measure)
39 tailor's chalk (French chalk)
40 hemline marker
41 loose-fitting coat
42 sales counter
43 warm-air curtain
44 doorman (commissionaire)
45 lift (Am. elevator)
46 lift cage (lift car, Am. elevator car)
47 lift operator (Am. elevator operator)
48 controls (lift controls, Am. elevator controls)
49 floor indicator
50 sliding door
51 lift shaft (Am. elevator shaft)
52 bearer cable
53 control cable
54 guide rail
55 customer
56 hosiery
57 linen goods (table linen and bed linen)
58 fabric department
59 roll of fabric (roll of material, roll of cloth)
60 head of department (department manager)
61 sales counter
62 jewellery (Am. jewelry)
63 assistant (Am. salesgirl, saleslady), selling new lines (new products)
64 special counter (extra counter)
65 placard advertising special offers
66 curtain department
67 display on top of the shelves
1-21 spa gardens
1-7 salina (salt works)
1 thorn house (graduation house)
2 thorns (brushwood)
3 brine channels
4 brine pipe from the pumping station
5 salt works attendant
6-7 inhalational therapy
6 open-air inhalatorium (outdoor inhalatorium)
7 patient inhaling (taking an inhalation)
8 hydrophatic (pump room) with kursaal (casino)
9 colonnade
10 spa promenade
11 avenue leading to the mineral spring
12-14 rest cure
12 sunbathing area (lawn)
13 deck-chair
14 sun canopy
15 pump room
16 rack for glasses
17 tap
18 patient taking the waters
19 bandstand
20 spa orchestra giving a concert
21 conductor

1-33 roulette, a game of chance
(gambling game)
1 gaming room in a casino
(gambling casino)
2 cash desk
3 tournier (dealer)
4 croupier
5 rake
6 head croupier
7 hall manager
8 roulette table (gaming table, gambling table)
9 roulette layout
10 roulette wheel
11 bank
12 chip (check, plaque)
13 stake
14 membership card
15 roulette player
16 private detective (house detective)
17 roulette layout
18 zero (nought, O)
19 passe (high) [numbers 19 to 36]
20 pair (even numbers)
21 noir (black)
22 manque (low) [numbers 1 to 18]
23 impair [odd numbers]
24 rouge (red)
25 douze premier (first dozen) [numbers 1 to 12]
26 douze milieu (second dozen) [numbers 13 to 24]
27 douze dernier (third dozen) [numbers 25 to 36]
28 roulette wheel (roulette)
29 roulette bowl
30 fret (separator)
31 revolving disc (disk) showing numbers 0 to 36
32 spin
33 roulette ball
1-16 chess, a game involving combinations of moves, a positional game
1 chessboard (board) with the men (chessmen) in position
2 white square (chessboard square)
3 black square
4 white chessmen (white pieces) [white = W]
5 black chessmen (black pieces) [black = B]
6 letters and numbers for designating chess squares in the notation of chess moves and chess problems
7 individual chessmen (individual pieces)
8 king
9 queen
10 bishop
11 knight
12 rook (castle)
13 pawn
14 moves of the individual pieces
15 mate (checkmate), a mate by knight
16 chess clock, a double clock for chess matches (chess championships)
17-19 draughts (Am. checkers)
17 draughtboard (Am. checkerboard)
18 white draughtsmen (Am. checker, checkerman); also: piece for backgammon and nine men's morris
19 black draughtsmen (Am. checker, checkerman)
20 saltta
21 saltta piece
22 backgammon board
23-25 nine men's morris
23 nine men's morris board
24 mill
25 double mill
26-28 halmia
26 halmia board
27 yard (camp, corner)
28 halmia pieces (halmia men) of various colours (Am. colors)
29 dice (dicing)
30 dice cup
31 dice
1-19 billiards
1 billiard ball, an ivory or plastic ball
2-6 billiard strokes (forms of striking)
2 plain stroke (hitting the cue ball dead center, Am. center)
3 top stroke [promotes extra forward rotation]
4 screw-back [imparts a direct recoil or backward motion]
5 side (running side, Am. English)
6 check side
7-19 billiard room (Am. billiard parlor, billiard saloon, poolroom)
7 billiards (English billiards); sim.: pool, carom (carrom) billiards
8 billiard player
9 billiard cue (cue)
10 leather cue tip
11 white cue ball
12 red object ball
13 white spot ball (white dot ball)
14 billiard table
15 billiard cloth, green baize covering
16 cushions (rubber cushions, cushioned ledge)
17 billiard clock, a timer
18 billiard marker
19 cue rack

1-59 camp site
1 reception (office)
2 camp site attendant
3 folding trailer (collapsible caravan, collapsible trailer)
4 hammock
5 washing and toilet facilities
6 toilets and washrooms (Am. lavatories)
7 bungalow (chalet)
8-11 scout camp
8 bell tent
9 pennon
10 camp fire
11 boy scout (scout)
12 sailing boat (yacht, Am. sailboat)
13 landing stage (jetty)
14 inflatable boat (inflatable dinghy)
15 outboard motor (outboard)
16 trimaran
17 thwart (oarsman's bench)
18 rowlock (oarlock)
19 car
20 boat trailer (boat carriage)
21 ridge tent
22 flysheet
23 guy line (guylines)
24 tent peg (peg)
25 mallet
26 groundsheet ring
27 bell end
28 erected awning
29 storm lantern, a paraffin lamp
30 sleeping bag
31 air mattress (inflatable air-bed)
32 water carrier (drinking water carrier)
33 double-burner gas cooker for propane gas or butane gas
34 propane or butane gas bottle
35 pressure cooker
36 frame tent
37 awning
38 tent pole
39 wheelee (doorway)
40 mesh ventilator
41 transparent window
42 pitch number
43 folding camp chair
44 folding camp table
45 camping tableware
46 camper
47 charcoal grill (barbecue)
48 charcoal
49 bellows
50 roof rack
51 roof lashing
52 caravan (Am. trailer)
53 box for gas bottle
54 jockey wheel
55 drawbar coupling
56 roof ventilator
57 caravan awning
58 inflatable igloo tent
59 camp bed (Am. camp cot)
Surf Riding (Surfing), Skin Diving (Underwater Swimming)

1-6 surf riding (surfing)
1 plan view of surfboard
2 section of surfboard
3 skeg (stabilizing fin)
4 big wave riding
5 surfer (surfer)
6 breaker
7-27 skin diving (underwater swimming)
7 skin diver (underwater swimmer)
8-22 underwater swimming set
8 knife
9 neoprene wetsuit
10 diving mask (face mask, mask), a pressure-equalizing mask
11 snorkel (snorkel)
12 harness of diving apparatus
13 compressed-air pressure gauge (Am. gage)
14 weight belt
15 depth gauge (Am. gage)
16 waterproof watch for checking duration of dive
17 deocimeter for measuring stages of ascent
18 fin (flapper)

19 diving apparatus (also: aqualung, scuba), with two cylinders (bottles)
20 two-tube demand regulator
21 compressed-air cylinder (compressed-air bottle)
22 on/off valve
23 underwater photography
24 underwater camera
25 underwater flashlight
26 exhaust bubbles
27 inflatable boat (inflatable dinghy)

1 lifesaver (lifeguard)
2 lifeline
3 lifebelt (lifebuoy)
4 storm signal
5 time bell
6 warning sign
7 tide table, a notice board showing times of low tide and high tide
8 board showing water and air temperature
9 bathing platform
10 pennon staff
11 pennon
12 paddle boat (peddle boat)
13 surf riding (surfing) behind motorboat
14 surfer (surfer)
15 surfboard
16 water ski
17 inflatable beach mattress
18 beach ball
19-23 beachwear
19 beach suit
20 beach hat
21 beach jacket
22 beach trousers
23 beach shoe (bathing shoe)

24 beach bag
25 bathing gown (bathing wrap)
26 bikini (ladies' two-piece bathing suit)
27 bikini bottom
28 bikini top
29 bathing cap (swimming cap)
30 bather
31 deck tennis (quotid)
32 rubber ring (quotid)
33 inflatable rubber animal
34 beach attendant
35 sandcastle
36 roofed wicker beach chair
37 underwater swimmer
38 diving goggles
39 snorkel (snorkel)
40 hand harpoon (fish spear, fish lance)
41 fin (flipper) for diving (for underwater swimming)
42 bathing suit (swimsuit)
43 bathing trunks (swimming trunks)
44 bathing cap (swimming cap)
45 beach tent, a roof tent
46 lifeguard station
Swimming Bath (Leisure Centre, Am. Center)

1-9 swimming pool with artificial
waves, an indoor pool
1 artificial waves
2 beach area
3 edge of the pool
4 swimming pool attendant (pool
attendant, swimming bath
attendant)
5 sun bed
6 lifebelt
7 water wings
8 bathing cap
9 channel to outdoor mineral bath
10 solarium
11 sunbathing area
12 sun bather
13 sun ray lamp
14 bathing towel
15 nudist sunbathing area
16 nudist (naturist)
17 screen (fence)
18 sauna (mixed sauna)
19 wood paneling (Am. paneling)
20 tiered benches
21 sauna stove
22 stones
23 hygrometer
24 thermometer
25 towel
26 water tub for moistening the
stones in the stove
27 birch rods (birches) for beating
the skin
28 cooling room for cooling off
(cooling down) after the sauna
29 lukewarm shower
30 cold bath
31 hot whirlpool (underwater
massage bath)
32 step into the bath
33 massage bath
34 jet blower
35 hot whirlpool [diagram]
36 section of the bath
37 step
38 circular seat
39 water extractor
40 water jet pipe
41 air jet pipe
1-32 swimming pool, an open-air swimming pool
1 changing cubicle
2 shower (shower bath)
3 changing room
4 sunbathing area
5-10 diving boards (diving apparatus)
5 diver (highboard diver)
6 diving platform
7 ten-metre (Am. ten-meter) platform
8 five-metre (Am. five-meter) platform
9 three-metre (Am. three-meter) springboard (diving board)
10 one-metre (Am. one-meter) springboard
11 diving pool
12 straight header
13 feet-first jump
14 tuck jump (haunch jump)
15 swimming pool attendant (pool attendant, swimming bath attendant)
16-20 swimming instruction
16 swimming instructor (swimming teacher)
17 learner-swimmer
18 float; sim.: water wings
19 swimming belt (cork jacket)
20 land drill
21 non-swimmers' pool
22 footbath
23 swimmers' pool
24-32 freestyle relay race
24 timekeeper (lane timekeeper)
25 placing judge
26 turning judge
27 starting block (starting place)
28 competitor touching the finishing line
29 starting dive (racing dive)
30 starter
31 swimming lane
32 rope with cork floats
33-39 swimming strokes
33 breaststroke
34 butterfly stroke
35 dolphin butterfly stroke
36 side stroke
37 crawl stroke (crawl); sim.: trudgen stroke (trudgen, double overarm stroke)
38 underwater swimming
39 treading water
40-45 diving (acrobatic diving, fancy diving, competitive diving, highboard diving)
40 standing take-off pike dive
41 one-half (twist isander (reverse dive)
42 backward somersault (double backward somersault)
43 running take-off twist dive
44 screw dive
45 armstand dive (handstand dive)
46-50 water polo
46 goal
47 goalkeeper
48 water polo ball
49 back
50 forward

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1-18 taking up positions for the regatta
1 punt, a pleasure boat
2 motorboat
3 Canadian canoe
4 kayak (Alaskan canoe, slalom canoe): a canoe
5 tandem kayak
6 outboard motorboat (outboard speedboat, outboard)
7 outboard motor (outboard)
8 cockpit
9-16 racing boats (sportsboats)
9-15 shells (rowing boats, Am. rowboats)
9 coxless four, a carvel-built boat
10 eight (eight-oared racing shell)
11 cox
12 stroke, an oarsman
13 bow (‘number one’)
14 oar
15 coxless pair
16 single sculler (single skulker, racing sculler, racing skulker, skiff)
17 scull (skull)
18 coxed single, a clinker-built single
19 jetty (landing stage, mooring)
20 rowing coach
21 megaphone
22 quayside steps
23 clubhouse (club)
24 boathouse
25 club’s flag
26-33 four-oared gig, a touring boat
26 oar
27 cox’s seat
28 thwart (seat)
29 rowlock (oarlock)
30 gunwale (gunnel)
31 rising
32 keel
33 skin (shell, outer skin) [clinker-built]
34 single-bladed paddle (paddle)
35-38 oar (scull, skull)
35 grip
36 leather sheath
37 shaft (neck)

38 blade
39 double-bladed paddle (double-ended paddle)
40 drip ring
41-50 sliding seat
41 rowlock (oarlock)
42 outrigger
43 saxboard
44 sliding seat
45 runner
46 sirup
47 stretcher
48 skin (shell, outer skin)
49 frame (rib)
50 keelson (keelson)
51-53 rudder (steering rudder)
51 yoke
52 lines (steering lines)
53 blade (rudder blade, rudder)
54-66 folding boats (foldboats, canoes)
54 one-man kayak
55 canoeist
56 spraydeck
57 deck
58 rubber-covered canvas hull
59 cockpit coaming (coaming)
60 channel for rafts alongside weir
61 two-seater folding kayak, a touring kayak
62 sail of folding kayak
63 leeboard
64 bag for the rods
65 rucksack
66 boat trailer (boat carriage)
67 frame of folding kayak
68-70 kayaks
68 Eskimo kayak
69 wild-water racing kayak
70 touring kayak
1-9 windsurfing
1 windsurfer
2 sail
3 transparent window (window)
4 mast
5 surfboard
6 universal joint (movable bearing) for adjusting the angle of the mast and for steering
7 boom
8 retractable centreboard (Am. centerboard)
9 rudder
10-48 yacht (sailing boat, Am. sailboat)
10 foredeck
11 mast
12 trapeze
13 crossrees (spreader)
14 hound
15 foresail
16 jib (Genoa jib)
17 jib downhaul
18 side stay (shroud)
19 lanyard (bottlescrew)
20 foot of the mast
21 kicking strap (vang)
22 jam cleat
23 foresheet (jib sheet)
24 centreboard (Am. centerboard) case
25 bitt
26 centreboard (Am. centerboard)
27 traveller (Am. traveler)
28 mainsheet
29 fairlead
30 toestraps (hiking straps)
31 tiller extension (hiking stick)
32 tiller
33 rudderhead (rudder stock)
34 rudder blade (rudder)
35 transom
36 drain plug
37 gooseneck
38 window
39 boom
40 foot
41 clew
42 luff (leading edge)
43 lee pocket (batten cleat, batten pocket)
44 batten
45 leech (trailing edge)

46 mainsail
47 headboard
48 racing flag ( burgee)
49-65 yacht classes
49 Flying Dutchman
50 O-Joller
51 Finn dinghy (Finn)
52 pirate
53 12.00 m² sharpie
54 tempest
55 star
56 soling
57 dragon
58 5.5-metre (Am. 5.5-meter) class
59 6-metre (Am. 6-meter) R-class
60 30.00 m² cruising yacht (coastal cruiser)
61 30.00 m² dinghy cruiser
62 25.00 m² one-design keelboat
63 KR-class
64 catamaran
65 twin hull
1-13 points of sailing and wind directions
1 sailing downwind
2 mainsail
3 jib
4 ballooning sails
5 centre (Am. center) line
6 wind direction
7 yacht tacking
8 sail, shivering
9 luffing
10 sailing close-hauled
11 sailing with wind abeam
12 sailing with clear wind
13 quartering wind (quarter wind)
14-24 regatta course
14 starting and finishing buoy
15 committee boat
16 triangular course (regatta course)
17 buoy (mark) to be rounded
18 buoy to be passed
19 first leg
20 second leg
21 third leg
22 windward leg
23 downwind leg
24 reaching leg
25-28 tacking
25 tack
26 gybing (jibing)
27 going about
28 loss of distance during the gybe (jibe)
29-41 types of yacht hull
29 stern
30 spoon bow
31 waterline
32 keel (ballast keel)
33 ballast
34 rudder
35 racing keelboat
36 lead keel
37-41 keel-centreboard (Am. centerboard) yawl
37 retractable rudder
38 cockpit
39 cabin superstructure (cabin)
40 straight stem
41 retractable centreboard (Am. centerboard)
42-49 types of yacht stern
42 yacht stern
43 square stern
44 canoe stern
45 cruiser stern
46 name plate
47 deadwood
48 transom stern
49 transom
50-57 timber planking
50-52 clinker planking (clench planking)
50 outside strake
51 frame (rib)
52 clench nail (riveted nail)
53 carvel planking
54 close-seamed construction
55 stringer
56 diagonal carvel planking
57 inner planking
1-5 motorboats (powerboats, sportsboats)
1 inflatable sportsboat with outboard motor (outboard inflatable)
2 Z-drive motorboat (outdrive motorboat)
3 cabin cruiser
4 motor cruiser
5 30-metre (Am. 30-meter) oceangoing cruiser
6 association flag
7 name of craft (or registration number)
8 club membership and port of registry (Am. home port)
9 association flag on the starboard crosstrees
10-14 navigation lights of sportsboats in coastal and inshore waters
10 white top light
11 green starboard sidelight
12 red port sidelight
13 green and red bow light (combined lantern)
14 white stern light
15-18 anchors
15 stocked anchor (Admiralty anchor), a bower anchor
16-18 lightweight anchor
16 QOR anchor (plough, Am. plow, anchor)
17 stockless anchor (patent anchor)
18 Danforth anchor
19 life raft
20 life jacket
21-44 powerboat racing
21 catamaran with outboard motor
22 hydroplane
23 racing outboard motor
24 tiller
25 fuel pipe
26 transom
27 buoyancy tube
28 start and finish
29 start
30 starting and finishing line
31 buoy to be rounded
32-37 displacement boats
32-34 round-bilge boat
32 view of hull bottom
33 section of fore ship
34 section of aft ship
35-37 V-bottom boat (vee-bottom boat)
35 view of hull bottom
36 section of fore ship
37 section of aft ship
38-44 planing boats (surface skimmers, skimmers)
38-41 stepped hydroplane (stepped skimmer)
38 side view
39 view of hull bottom
40 section of fore ship
41 section of aft ship
42 three-point hydroplane
43 fin
44 float
45-62 water skiing
45 water skier
46 deep-water start
47 tow line (towing line)
48 handle
49-55 water-ski signalling (code of hand signals from skier to boat driver)
49 signal for ‘faster’
50 signal for ‘slower’ (‘slow down’)
51 signal for ‘speed OK’
52 signal for ‘turn’
53 signal for ‘stop’
54 signal for ‘cut motor’
55 signal for ‘return to jetty’ (‘back to dock’)
56-62 types of water ski
56 trick ski (figure ski), a monoski
57-58 rubber binding
57 front foot binding
58 heel flap
59 strap support for second foot
60 slalom ski
61 skeg (fixed fin, fin)
62 jump ski
63 hovercraft (air-cushion vehicle)
64 propeller
65 rudder
66 skirt enclosing air cushion

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1 aero@plane (Am. airplane) tow
   launch (aerotowing)
2 tug (towing plane)
3 towed glider (towed sailplane)
4 tow rope
5 winched launch
6 motor winch
7 cable parachute
8 motorized glider (powered
   glider)
9 high-performance glider (high-
   performance sailplane)
10 T-tail (T-tail unit)
11 wind sock (wind cone)
12 control tower (tower)
13 glider field
14 hangar
15 runway for aeroplanes (Am.
   airplanes)
16 wave soaring
17 lee waves (waves, wave system)
18 rotor
19 lenticular clouds (lenticulars)
20 thermal soaring
21 thermal
22 cumulus cloud (heap cloud,
   cumulus, woolpack cloud)
23 storm-front soaring
24 storm front
25 frontal upcurrent
26 cumulonimbus cloud
   (cumulonimbus)
27 slope soaring
28 hill upcurrent (orographic lift)
29 multisp@r wing
30 main spar, a box spar
31 connector fitting
32 anchor rib
33 diagonal spar
34 leading edge
35 main rib
36 nose rib (false rib)
37 trailing edge
38 brake flap (spoiler)
39 torsional clamp
40 covering (skin)
41 aileron
42 wing tip
43 hang gliding
44 hang glider
45 hang glider pilot
46 control frame
1-9 aerobatics, aerobatic manoeuvres (Am. maneuvers)
1 loop
2 horizontal eight
3 rolling circle
4 stall turn (hammer head)
5 tail slide (whip stall)
6 vertical flick spin
7 spin
8 horizontal slow roll
9 inverted flight (negative flight)
10 cockpit
11 instrument panel
12 compass
13 radio and navigation equipment
14 control column (control stick)
15 throttle lever (throttle control)
16 mixture control
17 radio equipment
18 two-seater plane for racing and aerobatics
19 cabin
20 antenna
21 vertical stabilizer (vertical fin, tail fin)
22 rudder
23 tailplane (horizontal stabilizer)
24 elevator
25 trim tab (trimming tab)
26 fuselage (body)
27 wing
28 aileron
29 landing flap
30 trim tab (trimming tab)
31 navigation light (position light) [red]
32 landing light
33 main undercarriage unit (main landing gear unit)
34 nose wheel
35 engine
36 propeller (aircrew)
37-62 parachuting
37 parachute
38 canopy
39 pilot chute
40 suspension lines
41 steering line
42 riser
43 harness
44 pack
45 system of slots of the sports parachute
46 turn slots
47 apex
48 skirt
49 stabilizing panel
50-51 style jump
50 back loop
51 spiral
52-54 ground signals
52 signal for 'permission to jump' ('conditions are safe') (target cross)
53 signal for 'parachuting suspended - repeat flight'
54 signal for 'parachuting suspended - aircraft must land'
55 accuracy jump
56 target cross
57 inner circle [radius 25 m]
58 middle circle [radius 50 m]
59 outer circle [radius 100 m]
60-62 free-fall positions
60 full spread position
61 frog position
62 T position
63-84 ballooning
63 gas balloon
64 gondola (balloon basket)
65 ballast (sandbags)
66 mooring line
67 hoop
68 flight instruments (instruments)
69 trail rope
70 mouth (neck)
71 neck line
72 emergency rip panel
73 emergency ripping line
74 network (net)
75 rip panel
76 ripping line
77 valve
78 valve line
79 hot-air balloon
80 burner platform
81 mouth
82 vent
83 rip panel
84 balloon take-off
85-91 flying model aeroplanes (Am. airplanes)
85 radio-controlled model flight
86 remote-controlled free flight model
87 remote control radio
88 antenna (transmitting antenna)
89 control line model
90 mono-line control system
91 flying kennel, a K9-class model
Horsemanship, Equestrian Sport

1-7 dressage
1 arena (dressage arena)
2 rail
3 school horse
4 dark coat (black coat)
5 white breeches
6 top hat
7 gait (also: school figure)

8-14 show jumping
8 obstacle (fence), an almost-fixed obstacle; sim.: gate, gate and rails, palisade, oxer, mound, wall
9 jumper
10 jumping saddle
11 girth
12 snaffle
13 red coat (hunting pink, pink; also: dark coat)
14 hunting cap (riding cap)
15 bandage
16-19 three-day event
16 endurance competition
17 cross-country
18 helmet (also: hard hat, hard hunting cap)
19 course markings
20-22 steeplechase
20 water jump, a fixed obstacle
21 jump
22 riding switch
23-40 harness racing (harness horse racing)
23 harness racing track (track)
24 sulky
25 spoke wheel (spoked wheel) with plastic wheel disc (disk)
26 driver in trotting silks
27 rein
28 trotter
29 piebald horse
30 shadow roll
31 elbow boot
32 rubber boot
33 number
34 glass-covered grandstand with totalisator windows (tote windows) inside
35 totalisator (totc)
36 number
37 odds (price, starting price, price offered)
38 winners' table
39 winner's price
40 time indicator
41-49 hunt, a drag hunt; sim.: fox hunt, paper chase (paper hunt, hare-and-hounds)
41 field
42 hunting pink
43 whipper-in (whip)
44 hunting horn
45 Master (Master of foxhounds, MFH)
46 pack of hounds (pack)
47 staghound
48 drag
49 scented trail (artificial scent)
50 horse racing (racing)
51 field (racehorses)
52 favourite (Am. favorite)
53 outsider
1-23 cycle racing
1 cycling track (cycle track); here: indoor track
2-7 six-day race
2 six-day racer, a track racer (track rider) on the track
3 crash hat
4 stewards
5 judge
6 lap scorer
7 rider's box (racer's box)
8-10 road race
8 road racer, a racing cyclist
9 racing jersey
10 water bottle
11-15 motor-paced racing (long-distance racing)
11 pacer, a motorcyclist
12 pacer's motorcycle
13 roller, a safety device
14 stayer (motor-paced track rider)
15 motor-paced cycle, a racing cycle
16 racing cycle (racing bicycle) for road racing (road race bicycle)
17 racing saddle, an unsprung saddle
18 racing handlebars (racing handlebar)
19 tubular tyre (Am. tire) (racing tyre)
20 chain
21 toe clip (racing toe clip)
22 strap
23 spare tubular tyre (Am. tire)
24-38 motorsports
24-28 motorcycle racing: disciplines: grass track racing, road racing, sand track racing, cement track racing, speedway (on ash or shale tracks), mountain racing, ice racing (ice speedway), scramble racing, trial, moto cross
24 sand track
25 racing motorcyclist (rider)
26 leather overalls (leathers)
27 racing motorcycle, a solo machine
28 number (number plate)
29 sideway combination on the bend
30 sideway
31 streamlined racing motorcycle [500 cc]
32 gymkhana, a competition of skill; here: motorcyclist performing a jump
33 cross-country race, a test in performance
34 racing cars
34 Formula One racing car (a mono post)
35 rear spoiler (aerofoil, Am. airfoil)
36 Formula Two racing car
37 Super-Vee racing car
38 prototype, a racing car
1-16 football pitch
1 field (park)
2 centre (Am. center) circle
3 half-way line
4 penalty area
5 goal area
6 penalty spot
7 goal line (by-line)
8 corner flag
9 touch line
10 goalkeeper
11 spare man
12 inside defender
13 outside defender
14 midfield players
15 inside forward (striker)
16 outside forward (winger)
17 football
18 valve
19 goalkeeper's gloves
20 foam rubber padding
21 football boot
22 leather lining
23 counter
24 foam rubber tongue
25 bands
26 shaft
27 insole
28 screw-in stud
29 groove
30 nylon sole
31 inner sole
32 lace (bootlace)
33 football pad with ankle guard
34 shin guard
35 goal
36 crossbar
37 post (goalpost)
38 goal kick
39 save with the fists
40 penalty (penalty kick)
41 corner (corner kick)
42 offside
43 free kick
44 wall
45 bicycle kick (overhead bicycle kick)
46 header
47 pass (passing the ball)
48 receiving the ball (taking a pass)
49 short pass (one-two)
50 foul (infringement)
51 obstruction
52 dribble
53 throw-in
54 substitute
55 coach
56 shirt (jersey)
57 shorts
58 sock (football sock)
59 linesman
60 linesman's flag
61 sending-off
62 referee
63 red card; also: yellow card
64 centre (Am. center) flag
1-42 tennis
1 tennis court
2 to 3 doubles sideline (sideline for doubles matches); kinds of doubles: men’s doubles, women’s doubles, mixed doubles
3 to 10 base line
4 to 5 singles sideline (sideline for singles matches); kinds of singles: men’s singles, women’s singles
6 to 7 service line
8 to 9 centre (Am. center) line
11 centre (Am. center) mark
12 service court
13 net (tennis net)
14 net strap
15 net post
16 tennis player
17 smash
18 opponent
19 umpire
20 umpire’s chair
21 umpire’s microphone
22 ball boy
23 net cord judge
24 foot-fault judge
25 centre (Am. center) line judge
26 base line judge
27 service line judge
28 tennis ball
29 tennis racket (tennis racquet, racket, racquet)
30 racket handle (racquet handle)
31 strings (striking surface)
32 press (racket press, racquet press)
33 tightening screw
34 scoreboard
35 results of sets
36 player’s name
37 number of sets
38 state of play
39 backhand stroke
40 forehand stroke
41 volley (forehand volley at normal height)
42 service
43-44 badminton
43 badminton racket (badminton racquet)
44 shuttle (shuttlecock)
45-55 table tennis
45 table tennis racket (racquet) (table tennis bat)
Fencing

1-33 fencing (modern fencing)
1-18 foil
1 fencing master (fencing instructor)
2 piste
3 on guard line
4 centre (Am. center) line
5-6 fencers (foil fencers, foilsen, foilists) in a bout
5 attacker (attacking fencer) in lunging position (lunging)
6 defender (defending fencer), parrying
7 straight thrust, a fencing movement
8 parry of the pierce
9 line of fencing
10 the three fencing measures [short, medium, and long measure]
11 foil, a thrust weapon
12 fencing glove
13 fencing mask (foil mask)
14 neck flap (neck guard) on the fencing mask
15 metallic jacket
16 fencing jacket
17 heelless fencing shoes
18 first position for fencer's salute (initial position, on guard position)
19-24 sabre (Am. saber) fencing
19 sabreurs (sabre fencers, Am. saber fencers)
20 (light) sabre (Am. saber)
21 sabre (Am. saber) glove (sabre gauntlet)
22 sabre (Am. saber) mask
23 cut at head
24 parry of the fifth (quinte)
25-33 épée, with electrical scoring equipment
25 épéiste
26 electric épée; also: electric foil
27 épée point
28 scoring lights
29 spring-loaded wire spool
30 indicator light
31 wire
32 electronic scoring equipment
33 on guard position

34-45 fencing weapons
34 light sabre (Am. saber), a cut and thrust weapon
35 guard
36 épée, a thrust weapon
37 French foil, a thrust weapon
38 guard (coquille)
39 Italian foil
40 foil pommel
41 handle
42 cross piece (quillons)
43 guard (coquille)
44 blade
45 button
46 engagements
47 quartil (carte) engagement
48 tierce engagement (also: sixte engagement)
49 circling engagement
50 seconde engagement (also: octave engagement)
51-53 target areas
51 the whole body in épée fencing (men)
52 head and upper body down to the groin in sabre (Am. saber) fencing (men)
53 trunk from the neck to the groin in foil fencing (ladies and men)
1 basic position (starting position)  49 holding arms raised upward
2 running posture  50 holding (extending) arms forward
3 side straddle  51 arms held (extended) backward
4 straddle (forward straddle)  52 hands clasped behind the head
5 toe stand  6 crouch
7 upright kneeling position  8 kneeling position, seat on heels
9 squat  10 L seat (long sitting)
11 tailor seat (sitting tailor-style)  12 hurdle (hurdle position)
13 V seat  14 side split
15 forward split  16 L support
17 V support  18 straddle seat
19 bridge  20 kneeling front support
21 front support  22 back support
23 crouch with front support  24 arched front support
25 side support  26 forearm stand (forearm balance)
27 handstand  28 headstand
29 shoulder stand (shoulder balance)  30 forward horizontal stand (arabesque)
31 rearward horizontal stand  32 trunk-bending sideways
33 trunk-bending forwards  34 arch
35 astride jump (butterfly)  36 tuck jump
37 astride jump  38 pike
39 scissor jump  40 stag jump (stag leap)
41 running step  42 lunge
43 forward pace  44 lying on back
45 prone position  46 lying on side
47 holding arms downwards  48 holding (extending) arms sideways

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1-11 gymnastics apparatus in men's Olympic gymnastics
1 long horse (horse, vaulting horse)
2 parallel bars
3 bar
4 rings (stationary rings)
5 pommel horse (side horse)
6 pommel
7 horizontal bar (high bar)
8 bar
9 upright
10 stay wires
11 floor (12 m x 12 m floor area)
12-21 auxiliary apparatus and apparatus for school and club gymnastics
12 springboard (Reuther board)
13 landing mat
14 bench
15 box
16 small box
17 buck
18 mattress
19 climbing rope (rope)
20 wall bars
21 window ladder
22-39 positions in relation to the apparatus
22 side, facing
23 side, facing away
24 end, facing
25 end, facing away
26 outside, facing
27 inside, facing
28 front support
29 back support
30 straddle position
31 seated position outside
32 riding seat outside
33 hang
34 reverse hang
35 hang with elbows bent
36 piked reverse hang
37 straight inverted hang
38 straight hang
39 bent hang
40-46 grasps (kinds of grasp)
40 overgrasp on the horizontal bar
41 undergrasp on the horizontal bar
42 combined grasp on the horizontal bar
43 cross grasp on the horizontal bar
44 rotated grasp on the horizontal bar
45 outside grip on the parallel bars
46 rotated grasp on the parallel bars
47 leather handstrap
48-60 exercises
48 long-fly on the horse
49 rise to straddle on the parallel bars
50 crucifix on the rings
51 scissors (scissors movement) on the pommel horse
52 legs raising into a handstand on the floor
53 squat vault on the horse
54 double leg circle on the pommel horse
55 hip circle backwards on the rings
56 lever hang on the rings
57 rearward swing on the parallel bars
58 forward kip into upper arm hang on the parallel bars
59 backward underswing on the horizontal bar
60 backward grand circle on the horizontal bar
61-63 gymnastics kit
61 singlet (vest, Am. undershirt)
62 gym trousers
63 gym shoes
64 wristband
1-6 gymnastics apparatus in women's Olympic gymnastics
1 horse (vaulting horse)
2 beam
3 asymmetric bars (uneven bars)
4 bar
5 stay wires
6 floor (12 m x 12 m floor area)
7-14 auxiliary apparatus and apparatus for school and club gymnastics
7 landing mat
8 springboard (Reuther board)
9 small box
10 trampoline
11 sheet (web)
12 frame
13 rubber springs
14 springboard trampoline
15-32 apparatus exercises
15 backward somersault
16 spotting position (standing-in position)
17 vertical backward somersault on the trampoline
18 forward somersault on the springboard trampoline
19 forward roll on the floor
20 long-fly to forward roll on the floor
21 cartwheel on the beam
22 handspring on the horse
23 backward walkover
24 back flip (flik-flak) on the floor
25 free walkover forward on the floor
26 forward walkover on the floor
27 handspring on the floor
28 upstart on the asymmetric bars
29 free backward circle on the asymmetric bars
30 face vault over the horse
31 flank vault over the horse
32 back vault (rear vault) over the horse
33-50 gymnastics with hand apparatus
33 hand-to-hand throw
34 gymnastic ball
35 high toss
36 bounce
37 hand circling with two clubs
38 gymnastic club
39 swing
40 tuck jump
41 bar
42 skip
43 rope (skipping rope)
44 criss-cross skip
45 skip through the hoop
46 gymnastic hoop
47 hand circle
48 serpent
49 gymnastic ribbon
50 spiral
51-52 gymnastics kit
51 leotard
52 gym shoes
1-5 weightlifting
1 squat-style snatch
2 weightlifter
3 disc (disk) barbell
4 jerk with split
5 maintained lift
6-12 wrestling
6-9 Greco-Roman wrestling
6 standing wrestling (wrestling in standing position)
7 wrestler
8 on-the-ground wrestling (here: the referee’s position)
9 bridge
10-12 freestyle wrestling
10 bar arm (arm bar) with grapevine
11 double leg lock
12 wrestling mat (mat)
13-17 judo (sm.: ju-jitsu, jiu jitsu, ju-jitsu)
13 drawing the opponent off
14 judoka (judoist)
15 coloured (Am. colored) belt, as a symbol of Dan grade
16 referee
17 judo throw
18-19 karate
18 karateka
19 side thrust kick, a kicking technique
20-50 boxing (boxing match)
20-24 training apparatus (training equipment)
20 spring-supported punch ball
21 punch bag (Am. punching bag)
22 speed ball
23 suspended punch ball
24 punch ball
25 boxer, an amateur boxer (boxes in a singlet, vest, Am. undershirt) or a professional boxer (boxes without singlet)
26 boxing glove
27 sparring partner
28 straight punch (straight blow)
29 ducking and sidestepping
30 headguard
31 infighting; here: clinch
32 uppercut
33 hook to the head; here: right hook
34 punch below the belt, a foul punch (illegal punch, foul)
35-50 boxing match (boxing contest), a title fight (title bout)
35 boxing ring (ring)
36 ropes
37 stay wire (stay rope)
38 neutral corner
39 winner
40 loser by a knockout
41 referee
42 counting out
43 judge
44 second
45 manager
46 gong
47 timekeeper
48 record keeper
49 press photographer
50 sports reporter (reporter)
1–72 skiing
1 compact ski
2 safety binding (release binding)
3 strap
4 steel edge
5 ski stick (ski pole)
6 grip
7 loop
8 basket
9 ladies' one-piece ski suit
10 skiing cap (ski cap)
11 skiing goggles
12 cemented sole skiing boot
13 crash helmet
14–20 cross-country equipment
14 cross-country ski
15 cross-country rat trap binding
16 cross-country boot
17 cross-country gear
18 peaked cap
19 sunglasses
20 cross-country poles made of bamboo
21–24 ski-waxing equipment
21 ski wax
22 waxing iron (blowlamp, blowtorch)
23 waxing cork
24 wax scraper
25 downhill racing pole
26 herringbone, for climbing a slope
27 sidestep, for climbing a slope
28 ski bag
29 slalom
30 gate pole
31 racing suit
32 downhill racing
33 'egg' position, the ideal downhill racing position
34 downhill ski
35 ski jumping
36 lean forward
37 number
38 ski jumping ski
39 grooves (3 to 5 grooves)
40 cable binding
41 ski jumping boots
42 cross-country
43 cross-country stretch-suit
44 course
45 course-marking flag
46 layers of a modern ski
47 special core
48 laminates
49 stabilizing layer (stabilizer)
50 steel edge
51 aluminium (Am. aluminum) upper edge
52 synthetic bottom (artificial bottom)
53 safety jet
54–56 parts of the binding
54 automatic heel unit
55 toe unit
56 ski stop
57–63 ski lift
57 double chair lift
58 safety bar with footrest
59 ski lift
60 track
61 hook
62 automatic cable pulley
63 haulage cable
64 slalom
65 open gate
66 closed vertical gate
67 open vertical gate
68 transversal chicane
69 hairpin
70 elbow
71 corridor
72 Allais chicane
1-26 ice skating
1 ice skater, a solo skater
2 tracing leg
3 free leg
4 pair skaters
5 death spiral
6 pivot
7 stag jump (stag leap)
8 jump-sit-spin
9 upright spin
10 holding the foot
11-19 compulsory figures
11 curve eight
12 change
13 three
14 double-three
15 loop
16 change-loop
17 bracket
18 counter
19 rocker
20-25 ice skates
20 speed skating set (speed skate)
21 edge
22 hollow grinding (hollow ridge, concave ridge)
23 ice hockey set (ice hockey skate)
24 ice skating boot
25 skate guard
26 speed skater
27-28 skate sailing
27 skate sailor
28 hand sail
29-37 ice hockey
29 ice hockey player
30 ice hockey stick
31 stick handle
32 stick blade
33 shin pad
34 headgear (protective helmet)
35 puck, a vulcanized rubber disc (disk)
36 goalkeeper
37 goal
38-40 ice-stick shooting (Bavarian curling)
38 ice-stick shooter (Bavarian curler)
39 ice stick
40 block
41-43 curling
41 curler
42 curling stone (granite)
43 curling brush (curling broom, besom)
44-46 ice yachting (iceboating, ice sailing)
44 ice yacht (iceboat)
45 steering runner
46 outrigged runner
1 toboggan (sledge, *Am.* sled)
2 toboggan (sledge, *Am.* sled) with seat of plaid straps
3 junior luge toboggan (junior luge, junior toboggan)
4 rein
5 bar (strut)
6 seat
7 bracket
8 front prop
9 rear prop
10 movable runner
11 metal face
12 luge tobogganer
13 luge toboggan (luge, toboggan)
14 crash helmet
15 goggles
16 elbow pad
17 knee pad
18 Nansen sledge, a polar sledge
19–21 bobsleigh (bobsledding)
20 steersman
21 brakeman

22–24 skeleton tobogganing (Cresta tobogganing)
22 skeleton (skeleton toboggan)
23 skeleton rider
24 rake, for braking and steering

1 avalanche (snow avalanche, *Am.* snowslide); kinds: wind avalanche, ground avalanche
2 avalanche wall, a deflecting wall (diverting wall); *sim.*: avalanche wedge
3 avalanche gallery
4 snowfall
5 snowdrift
6 snow fence
7 avalanche forest [planted as protection against avalanches]
8 street-cleaning lorry (street cleaner)
9 snow plough (Am. snowplow) attachment
10 snow chain (skid chain, tyre chain, *Am.* tyre chain)
11 radiator bonnet (Am. radiator hood)
12 radiator shutter and shutter opening (louvre shutter)
13 snowman
14 snowball fight
15 snowball
16 ski bob
17 slide
18 boy, sliding
19 icy surface (icy ground)
20 snow-covered roof
21 icicle
22 man clearing snow
23 snow push (snow shovel)
24 heap of snow
25 horse-drawn sleigh (horse sleigh)
26 sleigh bells (bells, set of bells)
27 foot muff (Am. foot bag)
28 earmuff
29 handsled (tread sledge); *sim.*: push sledge
30 slush
305 Various Sports

1-13 skittles
1-11 skittle frame
1 front pin (front)
2 left front second pin (left front second)
3 running three (left)
4 right front second pin (right front second)
5 running three (right)
6 left corner pin (left corner), a corner (copper)
7 landlord
8 right corner pin (right corner), a corner (copper)
9 back left second pin (back left second)
10 back right second pin (back right second)
11 back pin (back)
12 pin
13 landlord
14-20 tenpin bowling
14 frame
15 bowling ball (ball with finger holes)
16 finger hole
17-20 deliveries
17 straight ball
18 hook ball (hook)
19 curve
20 back up ball (back up)
21 boules: sim.: Italian game of bocce, green bowls (bowls)
22 boules player
23 jack (target jack)
24 grooved boule
25 group of players
26 rifle shooting
27-29 shooting positions
27 standing position
28 kneeling position
29 prone position
30-33 targets
30 target for 50 m events (50 m target)
31 circle
32 target for 100 m events (100 m target)
33 bobbing target (turning target), running-boat target
34-39 ammunition
34 air rifle cartridge
35 rimfire cartridge for zimmerstutzen (indoor target rifle), a smallbore German single-shot rifle
36 case head
37 caseless round
38 .22 long rifle cartridge
39 .222 Remington cartridge
40-49 sporting rifles
40 air rifle
41 optical sight
42 front sight (foresight)
43 smallbore standard rifle
44 international smallbore free rifle
45 palm rest for standing position
46 butt plate with hook
47 butt with thumb hole
48 smallbore rifle for bobbing target (turning target)
49 telescopic sight (telescope sight)
50 optical ring sight
51 optical ring and bead sight
52-66 archery (target archery)
52 shot
53 archer
54 competition bow
55 riser
56 point-of-aim mark
57 grip (handle)
58 stabilizer
59 bow string (string)
60 arrow
61 pile (point) of the arrow
62 fletching
63 nock
64 shaft
65 crests
66 target
67 Basque game of pelota (jai alai)
68 pelota player
69 wicker basket (cesta)
70-78 skeet (skeet shooting), a kind of clay pigeon shooting
70 skeet over-and-under shotgun
71 muzzle with skeet choke
72 ready position on call
73 firing position
74 shooting range
75 high house
76 low house
77 target's path
78 shooting station (shooting box)
79 go-kart (kari)
80 handle
81 footrest
82 go-karting (kari)
83 go-kart (kari)
84 number plate (number)
85 pedals
86 pneumatic tyre (Am. tire)
87 petrol tank (Am. gasoline tank)
88 frame
89 steering wheel
90 bucket seat
91 protective bulkhead
92 two-stroke engine
93 silencer (Am. muffler)
1-69 fair (annual fair)
1 fairground
2 children's merry-go-round, (whirligig), a roundabout (Am. carousel)
3 refreshment stall (drinks stall)
4 chairoplane
5 up-and-down roundabout
6 show booth (booth)
7 box (box office)
8 barker
9 medium
10 showman
11 try-your-strength machine
12 hawk
13 balloon
14 paper serpent
15 windmill
16 pickpocket (thief)
17 vendor
18 Turkish delight
19 freak show
20 giant
21 fat lady
22 dwarfs (midgets)
23 beer marquee
24 sideshow
25-28 travelling (Am. traveling) artises (travelling show people)
25 fire eater
26 sword swallower
27 strong man
28 escapologist
29 spectators
30 ice-cream vendor (ice-cream man)
31 ice-cream cornet
32 hot-dog stand
33 grill (Am. broiler)
34 hot dog
35 sausage tongs
36 fortune teller
37 big wheel (Ferris wheel)
38 orchestration (automatic organ)
39 scenic railway (switchback)
40 toboggan slide (chute)
41 swing boats
42 swing boat, turning full circle
43 full circle
44 lottery booth (tombola booth)
45 wheel of fortune
46 devil's wheel (typhoon wheel)
47 throwing ring (quoit)
48 prizes
49 sandwich man on stilts
50 sandwich board (placard)
51 cigarette seller, an itinerant trader (a hawker)
52 tray
53 fruit stall
54 wall-of-death rider
55 hall of mirrors
56 concave mirror
57 convex mirror
58 shooting gallery
59 hippodrome
60 junk stalls (second-hand stalls)
61 first aid tent (first aid post)
62 dodgems (bumper cars)
63 dodgem car (bumper car)
64-66 pottery stand
64 barker
65 market woman
66 pottery
67 visitors to the fair
68 waxworks
69 wax figure
1–13 film studios (studio complex, Am. movie studios)
1 lot (studio lot)
2 processing laboratories (film laboratories, motion picture laboratories)
3 cutting rooms
4 administration building (office building, offices)
5 film (motion picture) storage vault (film library, motion picture library)
6 workshop
7 film set (Am. movie set)
8 power house
9 technical and research laboratories
10 groups of stages
11 concrete tank for marine sequences
12 cyclorama
13 hill
14–60 shooting (filming)
14 music recording studio (music recording theatre, Am. theater)
15 'acoustic' wall lining

16 screen (projection screen)
17 film orchestra
18 exterior shooting (outdoor shooting, exterior filming, outdoor filming)
19 camera with crystal-controlled drive
20 cameraman
21 assistant director
22 boom operator (boom swinger)
23 recording engineer (sound recordist)
24 portable sound recorder with crystal-controlled drive
25 microphone boom
26–60 shooting (filming) in the studio (on the sound stage, on the stage, in the filming hall)
26–60–60 sound engineer (sound recordist)
27 leading lady (film actress, film star)
28 leading man (film actor, film star)
29 film extra (extra)
30 arrangement of microphones for stereo and sound effects

31–32 microphone cable
33 side flats and background
34 slapper boy
35 slapper board (clapper) with slates (boards) for the film title, shot number (scene number), and take number
36 make-up artist (hairstylist)
37 lighting electrician (studio electrician, lighting man, Am. gaffer)
38 diffusing screen
39 continuity girl (script girl)
40 film director (director)
41 cameraman (first cameraman)
42 camera operator, an assistant cameraman (camera assistant)
43 set designer (art director)
44 director of photography
45 film script (script, shooting script, Am. movie script)
46 assistant director
47 soundproof film camera (soundproof motion picture camera), a wide screen camera (cinemascope camera)
48 soundproof housing (soundproof cover, blimp)
49 camera crane (dolly)
50 hydraulic stand
51 mask (screen) for protection from spill light (gobo, nigger)
52 tripod spotlight (fill-in light, filler light, fill light, filler)
53 spotlight catwalk
54 recording room
55 recording engineer (sound recordist)
56 mixing console (mixing desk)
57 sound assistant (assistant sound engineer)
58 magnetic sound recording equipment (magnetic sound recorder)
59 amplifier and special effects equipment, e.g. for echo and sound effects
60 sound recording camera (optical sound recorder)
1-23 film projection (motion picture projection)
1 cinema (picture house, Am. movie theater, movie house)
2 cinema box office (Am. movie theater box office)
3 cinema ticket (Am. movie theater ticket)
4 usherette
5 cinemagoers (filming audience, Am. moviegoers, movie audience)
6 safety lighting (emergency lighting)
7 emergency exit
8 stage
9 rows of seats (rows)
10 stage curtain (screen curtain)
11 screen (projection screen)
12 projection room (projection booth)
13 left hand projector
14 right hand projector
15 projection room window with projection window and observation port
16 reel drum (spool box)
17 house light dimmers (auditorium lighting control)
18 rectifier, a selenium or mercury vapour rectifier for the projection lamps
19 amplifier
20 projectionist
21 rewind bench for rewinding the film
22 film cement (splicing cement)
23 slide projector for advertisements
24-52 film projectors
24 sound projector (film projector, cinema projector, theatre projector, Am. movie projector)
25-36 projector mechanism
25 fireproof reel drums (spool boxes) with circulating oil cooling system
26 feed sprocket (supply sprocket)
27 take-up sprocket
28 magnetic head cluster
29 guide roller (guiding roller) with framing control
30 loop former for smoothing out the intermittent movement; also: film break detector
31 film path
32 film reel (film spool)
33 reel of film
34 film gate (picture gate, projector gate) with cooling fan
35 projection lens (projector lens)
36 feed spindle
37 take-up spindle with friction drive
38 maltese cross mechanism (maltese cross movement, Geneva movement)
39-44 lamphouse
39 mirror arc lamp, with aspherical (non-spherical) concave mirror and blowout magnet for stabilizing the arc (also: high-pressure xenon arc lamp)
40 positive carbon (positive carbon rod)
41 negative carbon (negative carbon rod)
42 arc
43 carbon rod holder
44 crater (carbon crater)
45 optical sound unit (also designed for multi-channel optical stereophonic sound and for push-pull sound tracks)
46 sound optics
47 sound head
48 exciter lamp in housing
49 photocell in hollow drum
50 attachable four-track magnetic sound unit (penthouse head, magnetic sound head)
51 four-track magnetic head
52 narrow-gauge (Am. narrow-gage) cinema projector for mobile cinema
1-39 motion picture cameras (film cameras)
1 standard-sauce (Am. standard-gage) motion picture camera (standard-sauce, Am. standard-gage, 35 mm camera)
2 lens (object lens, taking lens)
3 lens hood (sanshade) with matte box
4 matte (mask)
5 lens hood barrel
6 viewfinder eyepiece
7 eyepiece control ring
8 opening control for the segment disc (disk) shutter
9 magazine housing
10 slide bar for the lens hood
11 control arm (control lever)
12 pan and tilt head
13 wooden tripod
14 degree scale
15 soundproof (blamped) motion picture camera (film camera)
16-18 soundproof housing (blimp)
19 upper section of the soundproof housing
20 lightweight professional motion picture camera
21 grip (handgrip)
22 zooming lever
23 zoom lens (variable focus lens, vari focal lens) with infinitely variable focus
24 handgrip with shutter release
25 camera door
26 sound camera (newsreel camera) for recording sound and picture
27 soundproof housing (blimp)
28 window for the frame counters and indicators
29 pilot tone cable (sync pulse cable)
30 pilot tone generator (signal generator, pulse generator)
31 professional narrow-gage (Am. narrow-gage) motion picture camera, a 16 mm camera
32 lens turret (turret head)
33 housing lock
34 escup
35 high-speed camera, a special narrow-gage (Am. narrow-gage) camera
36 zooming lever
37 rifle grip
38 handgrip with shutter release
39 lens hood bellows

1-6 the five positions (ballet positions)
1 first position
2 second position
3 third position
4 fourth position [open]
5 fourth position [crossed; extended fifth position]
6 fifth position
7-10 ports de bras (arm positions)
7 port de bras à coté
8 port de bras en bas
9 port de bras en avant
10 port de bras en haut
11 dégagé à la quatrième devant
12 dégagé à la quatrième derrière
13 effacé
14 sur le cou-de-pied
15 écarté
16 croisé
17 attitude
18 arabesque
19 à pointe (on full point)
20 splits
21 cabriole (capriole)
22 entrechat (entrechat quadré)

23 préparation [e.g. for a pirouette]
24 pirouette
25 corps de ballet
26 ballet dancer (ballerina)
27-28 pas de trois
27 prima ballerina
28 principal male dancer (leading soloist)
29 tutu
30 point shoe, a ballet shoe (ballet slipper)
31 ballet skirt
1-60 stagehouse with machinery
(machinery in the flies and below stage)
1 control room
2 control console (lighting console, lighting control console) with preset control for presetting lighting effects
3 lighting plot (light plot)
4 grid (gridiron)
5 fly floor (fly gallery)
6 sprinkler system for fire prevention (for fire protection)
7 fly man
8 fly lines (lines)
9 cyclorama
10 backcloth (backdrop, background)
11 arch, a drop cloth
12 border
13 compartment (compartmentalized) batten (Am. border light)
14 stage lighting units (stage lights)
15 horizon lights (backdrop lights)
16 adjustable acting area lights (acting area spotlights)
17 scenery projectors (projectors)
18 monitor (water cannon) (a piece of safety equipment)
19 travelling (Am. traveling) lighting bridge (travelling lighting gallery)
20 lighting operator (lighting man)
21 portal spotlight (tower spotlight)
22 adjustable prosenium
23 curtain (theatrical curtain)
24 iron curtain (safety curtain, fire curtain)
25 forestage (apron)
26 footlight (footlights, floats)
27 prompt box
28 prompter
29 stage manager’s desk
30 stage director (stage manager)
31 revolving stage
32 trap opening
33 lift (Am. elevator)
34 bridge (Am. elevator), a rostrum
35 pieces of scenery
36 scene
37 actor
38 actress
39 extras (supers, supernumeraries)
40 director (producer)
41 prompt book (prompt script)
42 director’s table (producer’s table)
43 assistant director (assistant producer)
44 director’s script (producer’s script)
45 stage carpenter
46 stagehand (scene shifter)
47 set piece
48 mirror spot (mirror spotlight)
49 automatic filter change (with colour filters, colour mediums, gelatines)
50 hydraulic plant room
51 water tank
52 suction pipe
53 hydraulic pump
54 pressure pipe
55 pressure tank (accumulator)
56 pressure gauge (Am. gage)
57 level indicator (liquid level indicator)
58 control lever
59 operator
60 rams
1 bar
2 barmaid
3 bar stool
4 shelf for bottles
5 shelf for glasses
6 beer glass
7 wine and liqueur glasses
8 beer tap (tap)
9 bar
10 refrigerator (fridge, Am. icebox)
11 bar lamps
12 indirect lighting
13 colour (Am. color) organ (clavichord)
14 dance floor lighting
15 speaker (loudspeaker)
16 dance floor
17-18 dancing couple
19 dancer
20 record player
21 tape recorder

22-23 stereo system (stereo equipment)
22 tuner
23 amplifier
24 records (disks)
25 disc jockey
26 mixing console (mixing desk, mixer)
27 tambourine
28 mirrored wall
29 ceiling tiles
30 ventilators
31 toilets (lavatories, WC)
32 long drink
33 cocktail (Am. highball)

1-33 nightclub (night spot)
1 cloakroom (Am. checkroom)
2 cloakroom attendant (Am. checkroom attendant)
3 band
4 clarinet
5 clarinettist (Am. clarinetist)
6 trumpet
7 trumpeter
8 guitar
9 guitarist (guitar player)
10 drums
11 drummer
12 speaker (loudspeaker)
13 bar
14 barmaid
15 bar
16 bar stool
17 tape recorder
18 receiver
19 spirits
20 cine projector for porno films (sex films, blue movies)
21 box containing screen
22 stage

23 stage lighting
24 spotlight
25 festoon lighting
26 festoon lamp (lamp, light bulb)
27-32 striptease act (striptease number)
27 striptease artist (stripper)
28 suspender (Am. garter)
29 brassiere (bra)
30 fur stole
31 gloves
32 stocking
33 hostess
1-33 bullfight (corrida, corrida de toros)
1 mock bullfight
2 novillero
3 mock bull (dummy bull)
4 novice banderillero (apprentice banderillero)
5 bullring (plaza de toros) [diagram]
6 main entrance
7 boxes
8 stands
9 arena (ring)
10 bullfighters' entrance
11 toril door
12 exit gate for killed bulls
13 slaughterhouse
14 bull pens (corrals)
15 paddock
16 lancer on horseback (picador)
17 lance (pike pole, javelin)
18 armoured (Am. armored) horse
19 leg armour (Am. armor)
20 picador's round hat
21 banderillero, a torero
22 banderillas (barbed darts)
23 shirtwaist
24 bullfight
25 matador (swordman), a torero
26 queue, a distinguishing mark of the matador
27 red cloak (capa)
28 fighting bull
29 montera [hat made of tiny black silk Chenille balls]
30 killing the bull (kill)
31 matador in charity performances [without professional uniform]
32 estoque (sword)
33 muleta
34 rodeo
35 young bull
36 cowboy
37 stetson (stetson hat)
38 scarf (necktie)
39 rodeo rider
40 lasso
320 Musical Notation I

1-2 medieval (mediaeval) notes
1 plainsong notation (neumes, neums, pneumes, square notation)
2 mensural notation
3-7 musical note (note)
3 note head
4 note stem (note tail)
5 hook
6 stroke
7 dot indicating augmentation of note's value
8-11 clefs
8 treble clef (G-clef, violin clef)
9 bass clef (F-clef)
10 alto clef (C-clef)
11 tenor clef
12-19 note values
12 breve (brevis, Am. double-whole note)
13 semibreve (Am. whole note)
14 minum (Am. half note)
15 crotchet (Am. quarter note)
16 quaver (Am. eighth note)
17 semiquaver (Am. sixteenth note)
18 demissemiquaver (Am. thirty-second note)
19 hemidemisemiquaver (Am. sixty-fourth note)
20-27 rests
20 breve rest
21 semibreve rest (Am. whole rest)
22 minum rest (Am. half rest)
23 crotchet rest (Am. quarter rest)
24 quaver rest (Am. eighth rest)
25 semiquaver rest (Am. sixteenth rest)
26 demissemiquaver rest (Am. thirty-second rest)
27 hemidemisemiquaver rest (Am. sixty-fourth rest)
28-42 time (time signatures, measure, Am. meter)
28 two-eight time
29 two-four time
30 two-two time
31 four-eight time
32 four-four time (common time)
33 four-two time
34 six-eight time
35 six-four time
36 three-eight time
37 three-four time
38 three-two time
39 nine-eight time
40 nine-four time
41 five-four time
42 bar (bar line, measure line)
43-44 staff (stave)
43 line of the staff
44 space
45-49 scales
45 C major scale naturals: c, d, e, f, g, a, b, c
46 A minor scale [natural] naturals: a, b, c, d, e, f, g
47 A minor scale [harmonic]
48 A minor scale [melodic]
49 chromatic scale
50-54 accidentals (inflections, key signatures)
50-51 signs indicating the raising of a note
50 sharp (raising the note a semitone or half-step)
51 double sharp (raising the note a tone or full-step)
52-53 signs indicating the lowering of a note
52 flat (lowering the note a semitone or half-step)
53 double flat (lowering the note a tone or full-step)
54 natural
55-68 keys (major keys and the related minor keys having the same signature)
55 C major (A minor)
56 G major (E minor)
57 D major (B minor)
58 A major (F sharp minor)
59 E major (C sharp minor)
60 B major (G sharp minor)
61 F sharp major (D sharp minor)
62 C major (A minor)
63 F major (D minor)
64 B flat major (G minor)
65 E flat major (C minor)
66 A flat major (F minor)
67 D flat major (B flat minor)
68 G flat major (E flat minor)
1-5 chord
1-4 triad
1 major triad
2 minor triad
3 diminished triad
4 augmented triad
5 chord of four notes, a chord of the seventh (seventh chord, dominant seventh chord)
6-13 intervals
6 unison (unison interval)
7 major second
8 minor second
9 perfect fourth
10 perfect fifth
11 major sixth
12 perfect octave
13 perfect octave
14-22 ornaments (graces, grace notes)
14 long appoggiatura
15 acciaccatura (short appoggiatura)
16 slide
17 trill (shake) without turn
18 trill (shake) with turn
19 upper mordent (inverted mordent, pralltriller)
20 lower mordent (mordent)
21 turn
22 arpeggio
23-26 other signs in musical notation
23 triplet: corresponding groupings: duplet (couplet), quadruplet, quintuplet, sextuplet (sextuplet), septuplet (septuplet, septimole)
24 tie (bind)
25 pause (pause sign)
26 repeat mark
27-41 expression marks (signs of relative intensity)
27 marcato (marcando, markiert, attack, strong accent)
28 presto (quick, fast)
29 portato (louder, mezzo staccato, carried)
30 tenuto (held)
31 crescendo (increasing gradually in power)
32 decrescendo (diminuendo, decreasing or diminishing gradually in power)
33 legato (bound)
34 staccato (detached)
35 piano (soft)
36 pianissimo (very soft)
37 pianissimo piano (as soft as possible)
38 forte (loud)
39 fortissimo (very loud)
40 forte fortissimo (double fortissimo, as loud as possible)
41 forte piano (loud and immediately soft again)
42-50 divisions of the compass
42 subcontra octave (double contra octave)
43 contra octave
44 great octave
45 small octave
46 one-line octave
47 two-line octave
48 three-line octave
49 four-line octave
50 five-line octave

28 Presto

in Britain:
A, B, B, C, etc.
B, C, B, C, B, C, C

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1 lorn, a bronze trumpet
2 panpipes (Pandean pipes, syrinx)
3 aulos, a double shawm
4 aulos pipe
5 phorbeia (perisomicon, capistrum, mouth band)
6 crumhorn (crummhorn, cromorne, krumhorn, krummhorn)
7 recorder (fipple flute)
8 bagpipe; sim.: musette
9 bag
10 chanter (melody pipe)
11 drone (drone pipe)
12 curved cornett (zink)
13 serpent
14 shawm (schalmeyce); larger: bombard (bombarde, pommer)
15 cythara (cithara); sim. and smaller: lyre
16 arm
17 bridge
18 sound box (resonating chamber, resonator)
19 plectrum, a plucking device
20 kit (pochette), a miniature violin
21 cittern (cithern, cither, cister, citole), a plucked instrument; sim.: pandora (bandora, bandore)
22 sound hole
23 viol (descent viol, treble viol), a viola da gamba; larger: tenor viol, bass viol (viola da gamba, gamba), violone (double bass vol)
24 viol bow
25 hurdy-gurdy (vielle à roue, symphonia, armonie, organistrum)
26 friction wheel
27 wheel cover (wheel guard)
28 keyboard (keys)
29 resonating body (resonator, sound box)
30 melody strings
31 drone strings (drones, bourdons)
32 dulcimer
33 rib (resonator wall)
34 beater for the Valasian dulcimer
35 hammer (stick) for the Appenzell dulcimer
36 clavichord; kinds: fretted or unfretted clavichord
37 clavichord mechanism
38 key (key lever)
39 balance rail
40 guiding blade
41 guiding slot
42 resting rail
43 tangent
44 string
45 harpsichord (clavicembalo, cembalo), a wing-shaped stringed keyboard instrument; sim.: spinet (virginal)
46 upper keyboard (upper manual)
47 lower keyboard (lower manual)
48 harpsichord mechanism
49 key (key lever)
50 jack
51 slide (register)
52 tongue
53 quill plectrum
54 damper
55 string
56 portative organ, a portable organ; larger: positive organ (positive)
57 pipe (flue pipe)
58 bellows
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<td>78 tubular metal resonator</td>
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1 piano (pianoforte, upright piano, vertical piano, spinet piano, console piano), a keyboard instrument (keyed instrument); smaller form: cottage piano (pianoino); earlier forms: pantaleon, celesta, with steel bars instead of strings
2-18 piano action (piano mechanism)
2 iron frame
3 hammer; collectively: striking mechanism
4-5 keyboard (piano keys)
4 white key (ivory key)
5 black key (ebony key)
6 piano case
7 strings (piano strings)
8-9 piano pedals
8 right pedal (sustaining pedal, damper pedal; loosely: forte pedal, loud pedal) for raising the dampers
9 left pedal (soft pedal; loosely: piano pedal) for reducing the striking distance of the hammers on the strings
10 treble strings
11 treble bridge (treble belly bridge)
12 bass strings
13 bass bridge (bass belly bridge)
14 hitch pin
15 hammer rail
16 brace
17 tuning pin (wrest pin, tuning peg)
18 pin block (wrest pin block, wrest plank)
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20 tuning hammer (tuning key, wrest)
21 tuning wedge
22-39 key action (key mechanism)
22 key
23 damper-lifting lever
24 felt-covered hammer head
25 hammer shank
26 hammer rail
27 check (back check)
28 check felt (back check felt)
29 wire stem of the check (wire stem of the back check)
30 sticker (hopper, hammer jack, hammer lever)
31 button
32 action lever
33 pilot
34 pilot wire
35 tape wire
36 tape
37 damper (damper block)
38 damper lifter
39 damper rest rail
40 grand piano (horizontal piano, grand, concert grand); smaller: baby grand piano, boudoir piano; sim.: square piano, table piano
41 grand piano pedals: right pedal for raising the dampers; left pedal for softening the tone (shifting the keyboard so that only one string is struck 'una corda')
42 pedal bracket
43 harmonium (reed organ, melodium)
44 draw stop (stop, stop knob)
45 knee lever (knee swell, swell)
46 pedal (bellows pedal)
47 harmonium case
48 harmonium keyboard (manual)
1-52 organ (church organ)
1-5 front view of organ (organ case) [built according to classical principles]
1-3 display pipes (face pipes)
 1 Hauptwerk
 2 Oberwerk
 3 pedal pipes
 4 pedal tower
 5 Rückpositiv
6-16 tracker action (mechanical action); other systems: pneumatic action, electric action
 6 draw stop (stop, stop knob)
 7 slider (slide)
 8 key (key lever)
 9 sticker
10 pallet
11 wind trunk
12-14 wind chest, a slider wind chest; other types: sliderless wind chest (unit wind chest), spring chest, kegellade chest (cone chest), diaphragm chest
12 wind chest (wind chest box)
13 groove
14 upper board groove
15 upper board
16 pipe of a particular stop
17-35 organ pipes (pipes)
17-22 metal reed pipe (set of pipes: reed stop), a posaune stop
17 boot
18 shallot
19 tongue
20 block
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22 tube
23-30 open metal flue pipe, a salicional
23 foot
24 flue pipe windway (flue pipe duct)
25 mouth (cutup)
26 lower lip
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28 languid
29 body of the pipe (pipe)
30 tuning flap (tuning tongue), a tuning device
31-33 open wooden flue pipe (open wood), principal (diapason)
31 cap
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33 tuning hole (tuning slot), with slide
34 stopped flue pipe
35 stopper
36-52 organ console (console) of an electric action organ
36 music rest (music stand)
37 crescendo roller indicator
38 voltmeter
39 stop tab (rocker)
40 free combination stud (free combination knob)
41 cancel buttons for reeds, couplers etc.
42 manual I, for the Rückpositiv
43 manual II, for the Hauptwerk
44 manual III, for the Oberwerk
45 manual IV, for the Schwellwerk
46 thumb pistons controlling the manual stops (free or fixed combinations) and buttons for setting the combinations
47 switches for current to blower and action
48 toe piston, for the coupler
49 crescendo roller (general crescendo roller)
50 balanced swell pedal
51 pedal key [natural]
52 pedal key [sharp or flat]
53 cable (transmission cable)
1-61 fabulous creatures (fabulous animals), mythical creatures
1 dragon
2 serpent's body
3 claws (claw)
4 bat's wing
5 forked tongue
6 unicorn [symbol of virginity]
7 spirally twisted horn
8 Phoenix
9 flames of ash of resurrection
10 griffin (griffon, gryphon)
11 eagle's head
12 griffin's claws
13 lion's body
14 wing
15 chimera (chimaera), a monster
16 lion's head
17 goat's head
18 centaur (hippocentaur), half man and half beast
19 man's body with bow and arrow
20 horse's trunk
21 human head
22 woman's head
23 mermaid (nix, nixie, water nixie, water nymph, water elf, ocean nymph, sea nymph, river nymph); sim.: Nereids, Oceanids (sea divinities, sea deities, sea goddesses); male: nix (merman, sea man)
24 female's trunk
25 fish's tail (dolphin's tail)
26 Pegasus (favourite, Am. favorite, steed of the Muses, winged horse); sim.: hippocyphry
27 horse's body
28 wings
29 Cerberus (hellhound)
30 three-headed dog's body
31 serpent's tail
32 Lernean (Lernian) Hydra
34 basilisk (cockatrice)
35 cock's head
36 dragon's body
37 giant (titan)
38 rock
39 serpent's foot
40 Triton, a merman (demigod of the sea)
41 conch shell trumpet

327 Fabulous Creatures (Fabled Beings)
1-10 prehistoric finds
1-9 Old Stone Age (Palaeolithic, Paleolithic, period) and Mesolithic period
1 hand axe (Am. ax) (fist hatchet), a stone tool
2 head of throwing spear, made of bone
3 bone harpoon
4 head
5 harpoon thrower, made of reindeer antler
6 painted pebble
7 head of a wild horse, a carving
8 Stone Age idol, an ivory statuette
9 bison, a cave painting (rock painting) (cave art, cave painting)
10-20 New Stone Age (Neolithic period)
10 amphora [corded ware]
11 bowl [menhir group]
12 collared flask [Funnel-Beaker culture]
13 vessel with spiral pattern [spiral design pottery]
14 bell beaker [beaker pottery]
15 pile dwelling (lake dwelling, lacustrine dwelling)
16 dolmen (cromlech), a megalithic tomb (coll.: giant’s tomb); other kinds: passage grave, gallery grave (long cist); when covered with earth: tumulus (barrow, mound)
17 stone cist, a contracted burial
18 menhir (standing stone), a monolith
19 boat axe (Am. ax), a stone battle axe
20 clay figurine (an idol)
21-40 Bronze Age and Iron Age; epochs: Hallstatt period, La Tène period
21 bronze spear head
22 hafted bronze dagger
23 socketed axe (Am. ax) with haft fastened to rings; a bronze axe
24 girdle clasp
25 necklace (lanula)
26 gold neck ring
27 violin-bow fibula (safety pin)
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**50 gauntlet**

**51 haubergeon (haubergeon)**

**52 cuisse (cuish, cuissard, cuissart)**

**53 knee cap (knee piece, genouillère, poleyn)**

**54 jambeau (greave)**

**55 solleret (sabaton, sattalon)**

**56 pavis (pavis, pavails)**

**57 buckler (round shield)**

**58 boss (umbo)**

**59 iron hat**

**60 morion**

**61 light casque**

**62 types of mail and armour (Am. armor)**

**63 mail (chain mail, chain armour, Am. armor)**

**64 scale armour (Am. armor)**

**65 plate armour (Am. armor)**

**66 accolade (dubbing, knighting)**

**67 liege lord, a knight**

**68 esquire**

**69 cup bearer**

**70 minstrel (minnesinger, troubadour)**

**71 tournament (tourney, joust, just, til)**

**72 crusader**

**73 Knight Templar**

**74 caparison (trappings)**

**75 herald (marshal at tournament)**

**76 tilting armour (Am. armor)**

**77 tilting helmet (jousting helmet)**

**78 panache (plume of feathers)**

**79 tilting target (tilting shield)**

**80 lance rest**

**81 tilting lance (lance)**

**82 vamplate**

**83-88 horse armour (Am. armor)**

**83 neck guard (neck piece)**

**84 chamfron (chaffron, chafron, chamfrain, chanfron)**

**85 poïrel**

**86 flancard (flancard)**

**87 tournament saddle**

**88 rump piece (quarter piece)**
church
2 steeple
3 weathercock
4 weather vane (wind vane)
5 apex
6 church spire (spire)
7 church clock (tower clock)
8 belfry window
9 electrically operated bell
10 ridge cross
11 church roof
12 memorial chapel
13 vestry (sacristy), an annexe (annex)
14 memorial tablet (memorial plate, wall memorial, wall stone)
15 side entrance
16 church door (main door, portal)
17 churchgoer
18 graveyard wall (churchyard wall)
19 graveyard gate (churchyard gate, lychgate, lychgate)
20 vicarage (parsonage, rectory)
21-41 graveyard (churchyard, God's acre, Arm. burying ground)
21 mortuary
22 grave digger
22 grave (tomb)
24 grave mound
25 cross
26 gravestone (headstone, tombstone)
27 family grave (family tomb)
28 graveyard chapel
29 child's grave
30 urn grave
31 urn
32 soldier's grave
33-41 funeral (burial)
33 mourners
34 grave
35 coffin (Arm. casket)
36 spade
37 clergyman
38 the bereaved
39 widow's veil, a mourning veil
40 pallbearers
41 bier
42-50 procession (religious procession)
42 procession, procession
43 crosses (crosses)
44 processional banner, a church banner
45 acolyte
46 canopy bearer
47 priest
48 monstrance with the Blessed Sacrament (consecrated Host)
49 canopy (baldachin, baldacquin)
50 nuns
51 participants in the procession
52-58 monastery
52 cloister
53 monastery garden
54 monk, a Benedictine monk
55 habit (monk's habit)
56 cowl (hood)
57 tonsure
58 breviary
59 catacomb, an early Christian underground burial place
60 niche (tomb recess, aresolium)
61 stone slab
1-18 Egyptian art
1 pyramid, a royal tomb
2 king's chamber
3 queen's chamber
4 air passage
5 coffin chamber
6 pyramid site
7 funerary temple
8 valley temple
9 pylon, a monumental gateway
10 obelisks
11 Egyptian sphinx
12 winged sun disc (sun disk)
13 lotus column
14 knob-leaf capital (bud-shaped capital)
15 papyrus column
16 bell-shaped capital
17 palm column
18 ornamented column
19-20 Babylonian art
19 Babylonian frieze
20 glazed relief tile
21-28 art of the Persians
21 tower tomb
22 stepped pyramid
23 double bull column
24 projecting leaves
25 palm capital
26 volute (scroll)
27 shaft
28 double bull capital
29-36 art of the Assyrians
29 Sargon's Palace, palace buildings
30 city wall
31 castle wall
32 temple tower (ziggurat), a stepped (terraced) tower
33 outside staircase
34 main portal
35 portal relief
36 portal figure
37 art of Asia Minor
38 rock tomb
334 Art II

1-48 Greek art
1-7 the Acropolis
1 the Parthenon, a Doric temple
2 peristyle
3 pediment
4 crepidoma (stereobate)
5 statue
6 temple wall
7 propylaea
8 Doric column
9 Ionic column
10 Corinthian column
11-14 cornice
11 cyma
12 corona
13 mutule
14 dentils
15 triglyph
16 metope, a frieze decoration
17 regula
18 epistyle (architrave)
19 cyma (cymatium, kymation)
20-25 capital
20 abacus
21 echinus
22 hypotrehelium (gorgerin)
23 volute (scroll)
24 volute cushion
25 acanthus
26 column shaft
27 flutes (grooves, channels)
28-31 base
28 [upper] torus
29 [lower] torus (concave moulding, Am. molding)
30 plinth
31 stylobate
32 stele (stela)
33 acroterion (acroterium, acroter)
35 herm (herma, hermes)
36 caryatid; male: Atlas
37 Greek vase
38-43 Greek ornamentation
(Greek decoration, Greek decorative designs)
38 bead-and-dart moulding (Am. molding), an ornamental band
39 running dog (Vitruvian scroll)
40 leaf ornament
41 palmette
42 egg and dart (egg and tongue, egg and anchor) cyma
43 meander
44 Greek theatre (Am. theater)
45 scene
46 proscenium
47 orchestra
48 thymele (altar)
49-52 Etruscan art
49 Etruscan temple
50 portico
51 cella
52 entablature
53-60 Roman art
53 aqueduct
54 conduit (water channel)
55 centrally planned building (centralized building)
56 portico
57 reglet
58 cupola
59 triumphal arch
60 attic
61-71 Early Christian art
61 basilica
62 nave
63 aisle
64 apse
65 campanile
66 atrium
67 colonnade
68 fountain
69 altar
70 clerestory (clearstory)
71 triumphal arch
72-75 Byzantine art
72-73 dome system
72 main dome
73 semidome
74 pendentive
75 eye, a lighting aperture
1–21 Romanesque art
1–13 Romanesque church, a cathedral
  1 nave
  2 aisle
  3 transept
  4 choir (chancel)
  5 apse
  6 central tower (Am. center tower)
  7 pyramidal tower roof
  8 arcading
  9 frieze of round arcading
  10 blind arcade (blind arcading)
  11 lesene, a pilaster strip
  12 circular window
  13 side entrance
  14–16 Romanesque ornamentation
     (Romanesque decoration, Romanesque decorative designs)
  14 chequered (Am. checkered) pattern (chequered design)
  15 imbrication (imbricated design)
  16 chevron design
  17 Romanesque system of vaulting
  18 transverse arch
  19 barrel vault (tunnel vault)
  20 pillar
  21 cushion capital
  22–41 Gothic art
  22 Gothic church [westwork, west end, west façade], a cathedral
  23 rose window
  24 church door (main door, portal), a recessed portal
  25 archivolt
  26 tympanum
  27–35 Gothic structural system
  27–28 buttresses
  27 buttress
  28 flying buttress
  29 pinnacle
  30 gargoyle
  31–32 cross vault (groin vault)
  31 ribs (cross ribs)
  32 boss (pendant)
  33 triforium
  34 clustered pier (compound pier)
  35 respond (engaged pillar)
  36 pediment
  37 finial
  38 crocket
  39–41 tracery window, a lancet window

39–40 tracery
39 quatrefoil
40 cinquefoil
41 mullions
42–54 Renaissance art
42 Renaissance church
43 projection, a projecting part of the building
44 drum
45 lantern
46 pilaster (engaged pillar)
47 Renaissance palace
48 cornice
49 pedimental window
50 pedimental window with round gable
51 rustication (rustic work)
52 string course
53 sarcophagus
54 festoon (garland)
1 Baroque art
2 Baroque church

44 stellar vault
45 net vault
46 fan vault
47 trought vault
48 trought
49 cavetto
50 cavetto

42 groin vault (groined vault)
43 rib vault (ribbed vault)

8 scrollwork
9 Rococo art
10 coving, a hollow moulding (Am. molding)
11 framing
12 ornamental moulding (Am. molding)
13 rocaille, a Rococo ornament
14 table in Louis Seize style (Louis Seize table)
15 neoclassical building (building in neoclassical style), a gateway
16 Empire table (table in the Empire style)
17 Biedermeier sofa (sofa in the Biedermeier style)
18 Art Nouveau easy chair (easy chair in the Art Nouveau style)
19–37 types of arch
19 arch
20 abutment
21 impost
22 springer, a voussoir (wedge stone)
23 keystone
24 face
25 pier
26 extrados
27 round arch
28 segmental arch (basket handle)
29 parabolic arch
30 horsehoe arch
31 lancet arch
32 trefoil arch
33 shouldered arch
34 convex arch
35 tented arch
36 ogee arch (keel arch)
37 Tudor arch
38–50 types of vault
38 barrel vault (tunnel vault)
39 crown
40 side
41 cloister vault (cloistered vault)
1-6 Chinese art
1 pagoda (multi-storey, multistory, pagoda), a temple tower
2 storey (story) roof (roof of storey)
3 pailou (pailoo), a memorial archway
4 archway
5 porcelain vase
6 incised lacquered work
7-11 Japanese art
7 temple
8 bell tower
9 supporting structure
10 bodhisattva (buddhisattva), a Buddhist saint
11 torii, a gateway
12-18 Islamic art
12 mosque
13 minaret, a prayer tower
14 mihrab
15 mimbar (mimbar, pulpit)
16 mausoleum, a tomb
17 stalactite vault (stalactitic vault)
18 Arabian capital
19-28 Indian art
19 dancing Siva (Shiva), an Indian god
20 statue of Buddha
21 stupa (Indian pagoda), a mound (dome), a Buddhist shrine
22 umbrella
23 stone wall (Am. stone fence)
24 gate
25 temple buildings
26 shikara (sikar, sikha, temple tower)
27 chaitya hall
28 chaitya, a small stupa
1 sculptor
2 proportional dividers
3 calliper (caliper)
4 plaster model, a plaster cast
5 block of stone (stone block)
6 modeller (Am. modeler)
7 clay figure, a torso
8 roll of clay, a modelling (Am. modeling) substance
9 modelling (Am. modeling) stand
10 wooden modelling (Am. modeling) tool
11 wire modelling (Am. modeling) tool
12 beating wood
13 claw chisel (toothed chisel, tooth chisel)
14 flat chisel
15 point (punch)
16 iron-headed hammer
17 gouge (hollow chisel)
18 spoon chisel
19 wood chisel, a bevelled-edge chisel
20 V-shaped gouge
21 mallet
22 framework
23 baseboard
24 armature support (metal rod)
25 armature
26 wax model
27 block of wood
28 wood carver (wood sculptor)
29 sack of gypsum powder (gypsum)
30 clay box
31 modelling (Am. modeling) clay (clay)
32 statue, a sculpture
33 low relief (bas-relief)
34 modelling (Am. modeling) board
35 wire frame, wire netting
36 circular medallion (tondo)
37 mask
38 plaque
1-13 wood engraving (xylography), a relief printing method (a letterpress printing method)
1 end-grain block for wood engravings, a wooden block
2 wooden plank for woodcutting, a relief image carrier
3 positive cut
4 plank cut
5 burin (graver)
6 U-shaped gouge
7 scrapper (scaper, scalper)
8 scoop
9 V-shaped gouge
10 contour knife
11 brush
12 roller (brayer)
13 pad (wiper)
14-24 copperplate engraving (chalcography), an intaglio process; kinds: etching, mezzotint, aquatint, crayon engraving
14 hammer
15 burin
16 etching needle (engraver)
17 scraper and burnisher
18 roulette
19 rocking tool (rocker)
20 round-headed graver, a graver (burin)
21 oilstone
22 dabbler (inking ball, ink ball)
23 leather roller
24 sieve
25-26 lithography (stone lithography), a planographic printing method
25 sponge for moistening the lithographic stone
26 lithographic crayons (greasy chalk)
27-64 graphic art studio, a printing office (Am. printery)
27 broadband (broadsheet, single sheet)
28 full-colour (Am. full-color) print (colour print, chromolithograph)
29 platen press, a hand press
30 toggle
31 platen
32 type forme (Am. form)
1-20 scripts of various peoples
1 ancient Egyptian hieroglyphics, a pictorial system of writing
2 Arabic
3 Armenian
4 Georgian
5 Chinese
6 Japanese
7 Hebrew (Hebraic)
8 cuneiform script
9 Devanagari, script employed in Sanskrit
10 Siamese
11 Tamil
12 Tibetan
13 Sinaic script
14 Phoenician
15 Greek
16 Roman capitals
17 uncial (uncials, uncial script)
18 Carolingian (Carlovingian, Caroline) minuscule
19 runes
20 Russian
21-26 ancient writing implements
21 Indian steel stylus for writing on palm leaves
22 ancient Egyptian reed pen
23 writing cane
24 brush
25 Roman metal pen (stylus)
26 quill (quill pen)
27 Korean
1-15 types (type faces)  
1 Gothic type (German black-letter type)  
2 Schwabacher type (German black-letter type)  
3 Fraktur (German black-letter type)  
4 Humanist (Medieval)  
5 Transitional  
6 Didone  
7 Sanserif (Sanserif type, Grotesque)  
8 Egyptian  
9 typescript (typing)  
10 English hand (English handwriting, English writing)  
11 German hand (German handwriting, German writing)  
12 Latin script  
13 shorthand (shorthand writing, stenography)  
14 phonetics (phonetic transcription)  
15 Braille  
16-29 punctuation marks (stops)  
16 full stop (period, full point)  
17 colon  
18 comma  
19 semicolon  
20 question mark (interrogation point, interrogation mark)  
21 exclamation mark (am. exclamation point)  
22 apostrophe  
23 dash (em rule)  
24 parentheses (round brackets)  
25 square brackets  
26 quotation mark (double quotation marks, paired quotation marks, inverted commas)  
27 guillemet (French quotation mark)  
28 hyphen  
29 marks of omission (ellipses)  
30-35 accents and diacritical marks  
30 acute accent (acute)  
31 grave accent (grave)  
32 circumflex accent (circumflex)  
33 cedilla (under c)  
34 diaeresis (Am. dieresis) [over e]  
35 tilde [over n]  

36 section mark  
37-70 newspaper, a national daily newspaper  
37 newspaper page  
38 front page  
39 newspaper heading  
40 contents  
41 price  
42 date of publication  
43 place of publication  
44 headline  
45 column  
46 column heading  
47 column rule  
48 leading article (leader, editorial)  
49 reference to related article  
50 brief news item  
51 political section  
52 page heading  
53 cartoon  
54 report by newspaper’s own correspondent  
55 news agency’s sign  
56 advertisement (col. ad)  
57 sports section  
58 press photo  
59 caption  
60 sports report  
61 sports news item  
62 home and overseas news section  
63 news in brief (miscellaneous news)  
64 television programmes (Am. programs)  
65 weather report  
66 weather chart (weather map)  
67 art section (feuilleton)  
68 death notice  
69 advertisements (classified advertising)  
70 job advertisement, a vacancy (a situation offered)
1. red
2. yellow
3. blue
4. pink
5. brown
6. azure (sky blue)
7. orange
8. green
9. violet
10. additive mixture of colours (Am. colors)
11. white
12. subtractive mixture of colours (Am. colors)
13. black
14. solar spectrum (colours, Am. colors, of the rainbow)
15. grey (Am. gray) scale
16. heat colours (Am. colors)
1–26 arithmetic
1–22 numbers
1 Roman numerals
2 Arabic numerals
3 abstract number, a four-figure number [8: units; 5: tens; 6: hundreds; 9: thousands]
4 concrete number
5 cardinal number (cardinal)
6 ordinal number (ordinal)
7 positive number [with plus sign]
8 negative number [with minus sign]
9 algebraic symbols
10 mixed number [3: whole number (integer); : fraction]
11 even numbers
12 odd numbers
13 prime numbers
14 complex number [3: real part; 2: -1: imaginary part]
15–16 vulgar fractions
15 proper fraction [2: numerator; horizontal line; 3: denominator]
16 improper fraction, also the reciprocal of item 15
17 compound fraction (complex fraction)
18 improper fraction [when cancelled down produces a whole number]
19 fractions of different denominations [35: common denominator]
20 proper decimal fraction with decimal point and decimal places [3: tenths; 5: hundredths; 7: thousandths]
21 recurring decimal
22 recurring decimal
23–26 fundamental arithmetical operations
23 addition (adding) [3 and 2; the terms of the sum; +: plus sign; =: equals sign; 5: the sum]
24 subtraction (subtracting) [3: the minuend; -: minus sign; 2: the subtrahend; : the remainder (difference)]
25 multiplication (multiplying) [3: the multiplicand; ×: multiplication sign; 2: the multiplier; 2 and 3: factors; 6: the product]
26 division (dividing) [6: the dividend; ÷: division sign; 2: the divisor; 3: the quotient]

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1-24 arithmetic
1-10 advanced arithmetical operations
1 raising to a power (three squared (3^2): the power; 3: the base; 2: the exponent (index); 9: value of the power)
2 evolution (extracting a root); [cube-root of 8: cube root; 8: the radical; 3: the index (degree) of the root; \sqrt[3]{8} = 2: value of the root]
3 square root
4-5 algebra
4 simple equation [3, 2: the coefficients; x: the unknown quantity]
5 identical equation [a, b, c: algebraic symbols]
6 logarithmic calculation (taking the logarithm, \log; \log: logarithm sign; 3: number whose logarithm is required; \log_{10} 3 = 0.4771: the logarithm; 0.4771: the mantissa; 0.4771: the logarithm]
7 simple interest formula; \textit{P}: the principal; \textit{R}: rate of interest; \textit{T}: time; \textit{I}: interest (profit); \%: percentage sign
8-10 rule of three (rule-of-three sum, simple proportion)
8 statement with the unknown quantity \textit{x}
9 equation (conditional equation)
10 solution
11-14 higher mathematics
11 arithmetical series with the elements 2, 4, 6, 8
12 geometrical series
13-14 infinitesimal calculus
13 derivative [dx, dy: the differentials; d: differential sign]
14 integral (integration); \[x: the variable; C: constant of integration; S: the integral sign; dx: the differential]

\begin{align*}
2 \text{ years} & @ \£ \, 50 \\
4 \text{ years} & @ \£ \, x \\
2 : 50 & = 4 : x \\
x & = \£ \, 100
\end{align*}

\begin{align*}
\int a \, dx & = a \int dx = \frac{a \cdot x^2}{2} + C \\
\infty & \equiv \approx \neq > <
\end{align*}

15-24 mathematical symbols
15 infinity
16 identically equal to (the sign of identity)
17 approximately equal to
18 unequal to
19 greater than
20 less than
21-24 geometrical symbols
21 parallel (sign of parallelism)
22 similar to (sign of similarity)
23 angle symbol
24 triangle symbol
1 system of right-angled coordinates
2 axes of coordinates (coordinate axes)
3 axis of abscissae (x-axis)
4 axis of ordinates (y-axis)
5 origin of ordinates
6 quadrant I – IV: 1st to 4th quadrant
7 positive direction
8 negative direction
9 points [P₁ and P₂] in the system of coordinates; x₁ and y₁, [and x₂ and y₂, respectively] their coordinates
10 values of the abscissae [x₁ and x₂] (the abscissae)
11 values of the ordinates [y₁ and y₂] (the ordinates)
12 plane curves: [a: the gradient (slope) of the curve; b: the ordinates' intersection of the curve; c: the root of the curve]
13 inflected curves
14 parabola, a curve of the second degree
15 branches of the parabola
16 vertex of the parabola
17 axis of the parabola
18 a curve of the third degree
19 maximum of the curve
20 minimum of the curve
21 point of inflexion (of inflection)
22 ellipse
23 transverse axis (major axis)
24 conjugate axis (minor axis)
25 foci of the ellipse [F₁ and F₂]
26 hyperbola
27 foci [F₁ and F₂]
28 vertices [S₁ and S₂]
29 asymptotes [a and b]
30–46 solids
30 cube
31 square, a plane (plane surface)
32 edge
33 corner
34 quadratic prism
35 base
36 parallelepiped
37 triangular prism
38 cylinder, a right cylinder
39 base, a circular plane
40 curved surface
41 sphere
42 ellipsoid of revolution
43 cone
44 height of the cone (cone height)
45 truncated cone (frustum of a cone)
46 quadrilateral pyramid
1. the set A, the set \{a, b, c, d, e, f, g\}
2. elements (members) of the set A
3. the set B, the set \{u, v, w, x, y, z\}
4. intersection of the sets A and B, \(A \cap B = \{f, g, u\}\)
5. union of the sets A and B, \(A \cup B = \{a, b, c, d, e, f, g, u, v, w, x, y, z\}\)
6. complement of the set B, \(B' = \{a, b, c, d, e\}\)
7. complement of the set A, \(A' = \{v, w, x, y, z\}\)
8. mappings
9. mapping of the set M onto the set N
10. mapping of the set M into the set N
11. one-to-one mapping of the set M onto the set N

1-38 Laboratory apparatus
(laboratory equipment)
1. Scheidt globe
2. U-tube
3. separating funnel
4. octagonal ground-glass stopper
5. tap (Am. faucet)
6. coiled condenser
7. air lock
8. wash-bottle
9. mortar
10. pestle
11. filter funnel (Büchner funnel)
12. filter (filter plate)
13. retort
14. water bath
15. tripod
16. water gauge (Am. gage)
17. insertion rings
18. stirrer
19. manometer for measuring positive and negative pressures
20. mirror manometer for measuring small pressures
21. inlet
22. tap (Am. faucet)
23. sliding scale
24. weighing bottle
25. analytical balance
26. case
27. sliding front panel
28. three-point support
29. column (balance column)
30. balance beam (beam)
31. rider bar
32. rider holder
33. rider
34. pointer
35. scale
36. scale pan
37. stop
38. stop knob
1–63 laboratory apparatus
(laboratory equipment)
1 Bunsen burner
2 gas inlet (gas inlet pipe)
3 air regulator
4 Teclu burner
5 pipe union
6 gas regulator
7 stem
8 air regulator
9 bench torch
10 casing
11 oxygen inlet
12 hydrogen inlet
13 oxygen jet
14 tripod
15 ring (retort ring)
16 funnel
17 pipe clay triangle
18 wire gauze
19 wire gauze with asbestos centre (Am. center)
20 beaker
21 burette (for measuring the volume of liquids)
22 burette stand
23 burette clamp
24 graduated pipette
25 pipette
26 measuring cylinder (measuring glass)
27 measuring flask
28 volumetric flask
29 evaporating dish (evaporating basin), made of porcelain
30 tube clamp (tube clip, pinchcock)
31 clay crucible with lid
32 crucible tongs
33 clamp
34 test tube
35 test tube rack
36 flat-bottomed flask
37 ground glass neck
38 long-necked round-bottomed flask
39 Erlenmeyer flask (conical flask)
40 filter flask
41 fluted filter
42 one-way tap
43 calcium chloride tube
44 stopper with tap
45 cylinder
46 distillation apparatus (distilling apparatus)
47 distillation flask (distilling flask)
48 condenser
49 return tap, a two-way tap
50 distillation flask (distilling flask, Claisen flask)
51 desiccator
52 lid with fitted tube
53 tap
54 desiccator insert made of porcelain
55 three-necked flask
56 connecting piece (Y-tube)
57 three-necked bottle
58 gas-washing bottle
59 gas generator (Kipp's apparatus, Am. Kipp generator)
60 overflow container
61 container for the solid
62 acid container
63 gas outlet
1-26 basic crystal forms and crystal combinations (structure of crystals)
1 tetrahedron (four-faced polyhedron) [tetrahedrite, faujasite, fahlorenz]
2 hexahedron (cube, six-faced polyhedron), a holohedron [rock salt]
3 centre (Am. center) of symmetry (crystal centre)
4 axis of symmetry (rotation axis)
5 plane of symmetry octahedron (eight-faced polyhedron) [gold]
6 rhombic dodecahedron [garnet]
7 pentagonal dodecahedron [pyrite, iron pyrites]
8 pentagon (five-sided polygon)
9 triakis-octahedron [diamond]
10 icosahedron (twenty-faced polyhedron), a regular polyhedron
11 icositetrahedron (twenty-four-faced polyhedron) [leucite]
12 hexakis-octahedron (hexoctahedron, forty-eight-faced polyhedron) [diamond]
13 octohedron with cube [galena]
14 polygon (six-sided polygon)
15 cube with octahedron [fluorite, fluor spar]
17 dodecahedron (eight-sided polygon)
18-19 tetragonal crystal system
tetragonal dipyramid (tetragonal bipyramid)
19 proto prism with pyro prism (zircon)
20-22 hexagonal crystal system
20 proto prism with pyro prism, deuter pyramidal and basal pinacoid [apatite]
21 hexagonal prism
22 hexagonal (diprismatic) bipyramid with rhombohedron [calkite]
23 orthorhombic pyramid (rhombic crystal system) [sulphur, Am. sulphur]
24-25 monoclinic crystal system
24 monoclinic prism with chalcopyrite and hemiisometric (hemihedron)
gypsum
25 ortho prism (swallow-tail twin crystal) [gypsum]
26 triclinic pinacoids (triclinic crystal system) [copper sulphate, Am. copper sulfate]
27-33 apparatus for measuring crystals (for crystallography)
27 contact goniometer
28 reflecting goniometer
29 crystal
30 collimator
31 observation telescope
32 divided circle (graduated circle)
33 lens for reading the angle of rotation
1 Eskimo
2 sledge dog (sled dog), a husky
3 dog sledge (dog sled)
4 igloo, a dome-shaped snow hut
5 block of snow
6 entrance tunnel
7 blubber-oil lamp
8 wooden missile
9 lance
10 harpoon
11 skin float
12 kayak, a light one-man canoe
13 skin-covered wooden or bone frame
14 paddle
15 reindeer harness
16 reindeer
17 Ostyak (Ostiak)
18 passenger sledge
19 yurt (yurta), a dwelling tent of the western and central Asiatic nomads
20 felt covering
21 smoke outlet
22 Kirghiz
23 sheepskin cap
24 shaman
25 decorative fringe
26 frame drum
27 Tibetan
28 flintlock with bayonets
29 prayer wheel
30 felt boot
31 houseboat (sampan)
32 junk
33 mat sail
34 rickshaw (ricksha)
35 rickshaw coolie (cooly)
36 Chinese lantern
37 samurai
38 padded armour (A.m. armor)
39 geisha
40 kimono
41 obi
42 fan
43 coolie (cooly)
44 kris (creese, crease), a Malayan dagger
45 snake charmer
46 turban
47 flute
48 dancing snake
1. camel caravan  
2. riding animal  
3. pack animal  
4. oasis  
5. grove of palm trees  
6. bedouin (beduin)  
7. burnous  
8. Masai warrior  
9. headdress (hairdress)  
10. shield  
11. painted ox hide  
12. long-bladed spear  
13. negro  
14. dance drum  
15. throwing knife  
16. wooden mask  
17. figure of an ancestor  
18. slit gong  
19. drumstick  
20. dugout, a boat hollowed out of a tree trunk  
21. negro hut  
22. negress  
23. lip plug (labret)  
24. grinding stone  
25. Herero woman  
26. leather cap  
27. calabash (gourd)  
28. beehive-shaped hut  
29. bushman  
30. earplug  
31. loincloth  
32. bow  
33. knobkerry (knobkerrie), a club with round, knobbed end  
34. bushman woman making a fire by twirling a stick  
35. windbreak  
36. Zulu in dance costume  
37. dancing stick  
38. bangle  
39. ivory war horn  
40. string of amulets and bones  
41. pigmy  
42. magic pipe for exorcising evil spirits  
43. fetish
1 outdoor enclosure (enclosure)
2 rocks
3 moat
4 enclosing wall
5 animals on show; here: a pride of lions
6 visitor to the zoo
7 notice
8 aviary
9 elephant enclosure
10 animal house (e.g. carnivore house, giraffe house, elephant house, monkey house)
11 outside cage, animals’ summer quarters
12 reptile enclosure
13 Nile crocodile
14 terrarium and aquarium
15 glass case
16 fresh-air inlet
17 ventilator
18 underfloor heating
19 aquarium
20 information plate
21 flora in artificially maintained climate

1-12 unicellular (one-celled, single-celled) animals (protozoans)
1 amoeba, a rhizopod
2 cell nucleus
3 protoplasm
4 pseudopod
5 excretory vacuole (contractile vacuole, an organelle)
6 food vacuole
7 Actinophrys, a heliozoan
8 radiolarian; here: siliceous skeleton
9 slipper animule, a Paramecium
10 citium
11 macronucleus (meganucleus)
12 micronucleus
13-39 multicellular animals (metazoa)
13 bath sponge, a porifer (sponge)
14 medusa, a discozmosa (jellyfish), a coelenterate
15 umberella
16 tentacle
17 red coral (precious coral), a coral animal (anthozoan, reef-building animal)
18 coral colony
19 coral polyp
20-26 worms (Vermes)
20 leech, an annedulid
21 sucker
22 Spirographis, a bristle worm
23 tube
24 earthworm
25 segment
26 citellum [accessory reproductive organ]
27-36 mollusses (Am. mollusks)
27 edible snail, a snail
28 creeping foot
29 shell (snail shell)
30 stalked eye
31 tentacle (horn, feeler)
32 oyster
33 freshwater pearl mussel
34 mother-of-pearl (nacre)
35 pearl
36 mussel shell
37 cuttlefish, a cephalopod
38-39 echinoderms
38-39 starfish (sea star)
39 sea urchin (sea hedgehog)
1–23 arthropods
1 mitten crab, a crab
2 water slater
3–23 insects
3 dragonfly (water nymph), a homopteran (homopterous insect)
4 water scorpion (water bug), a rynchophore
5 raptorial leg
6 mayfly (dayfly, ephemeral)
7 compound eye
8 green grasshopper (green locust, meadow grasshopper), an orthopteran (orthopterous insect)
9 larva (grub)
10 adult insect, an imago
11 leaping hind leg
12 caddis fly (spring fly, water moth), a neuropteran
13 aphid (greenfly), a plant louse
14 wingless aphid
15 winged aphid
16–20 dipterous insects (diptera)
16 gnat (mosquito, midge), a culicid
17 proboscis (sucking organ)
18 bluebottle (blowfly), a fly
19 maggot (larva)
20 chrysalis (pupa)
21–23 Hymenoptera
21–22 ant
21 winged female
22 worker
23 bumblebee (humblebee)
24–39 beetles (Coleoptera)
24 stag beetle, a lamellicorn beetle
35 mandibles
36 trophi
37 antenna (feeler)
38 head
29–30 thorax
29 thoracic shield (prothorax)
30 scutellum
31 tergites
32 stigma
33 wing (hind wing)
34 nervure
35 point at which the wing folds
36 elytron (forewing)
37 ladybird (ladybug), a coccinellid
38 Ergates faber, a longicorn beetle (longicorn)
39 dung beetle, a lamellicorn beetle
40–47 arachnids
40 Euscorpius flavicantius, a scorpion
41 cheliped with chelicer
42 maxillary antenna (maxillary feeler)
43 tail sting
44–46 spiders
44 wood tick (dog tick), a tick
45 cross spider (garden spider), an orb spinner
46 spinneret
47 spider’s web (web)
48–56 Lepidoptera (butterflies and moths)
48 mulberry–feeding moth (silk moth), a bombycid moth
49 eggs
50 silk worm
51 cocoon
52 swallowtail, a butterfly
53 antenna (feeler)
54 eyespot
55 privet hawkmoth, a hawkmoth (sphinx)
56 proboscis
1–3 flightless birds
1 cassowary, *sim.: emu
2 ostrich
3 clutch of ostrich eggs [12–14 eggs]
4 king penguin, a penguin, a flightless bird

5–10 web-footed birds
5 white pelican, a pelican
6 webfoot (webbed foot)
7 web (palmations) of webbed foot (palmate foot)
8 lower mandible with gular pouch
9 northern gannet (gannet, solan goose), a gannet
10 green cormorant (shag), a cormorant displaying with spread wings

11–14 long-winged birds (seabirds)
11 common sea swallow, a sea swallow (tern); diving for food
12 fulmar
13 guillemot, an auk
14 black-headed gull (mire crow), a gull

15–17 Anseres
15 goosander (common merganser), a sawbill
16 mute swan, a swan
17 knob on the bill
18 common heron, a heron
19–21 plovers
19 stilt (stilt bird, stilt plover)
20 coot, a rail
21 lapwing (green plover, peewit, pewit)

22 quail, a gallinaceous bird
23 turtle dove, a pigeon
24 swift
25 hoopoe, a roller
26 ereculee crested
27 spotted woodpecker, a woodpecker, related: wryneck
28 entrance to the nest
29 nesting cavity
30 cuckoo
1. goldfinch, a finch
2. bee eater
3. redstart (star finch), a thrush
4. bluetit, a tit (titmouse), a resident bird (non-migratory bird)
5. bullfinch
6. common roller (roller)
7. golden oriole, a migratory bird
8. kingfisher
9. white wagtail, a wagtail
10. chaffinch
1-20 songbirds
1-3 Corvidae (corvine birds, crows)
1 jay (nutcracker)
2 rook, a crow
3 magpie
4 starling (pastor, shepherd bird)
5 house sparrow
6-8 finches
6-7 buntings
6 yellowhammer (yellow bunting)
7 ortolan (ortolan bunting)
8 siskin (aberdevine)
9 great titmouse (great tit, ox eye), a titmouse (tit)
10 golden-crested wren (golcrest); sim.: firecrest, one of the Regulidae
11 nuthatch
12 wren
13-17 thrushes
13 blackbird
14 nightingale (poet.; philomel, philomela)
15 robin (redbreast, robin redbreast)
16 song thrush (throstle, mavis)
17 thrush nightingale
18-19 larks
18 woodlark
19 crested lark (tufted lark)
20 common swallow (barn swallow, chimney swallow), a swallow

1-13 diurnal birds of prey
1-4 falcons
1 merlin
2 peregrine falcon
3 leg feathers
4 tarsus
5-9 eagles
5 white-tailed sea eagle (white-tailed eagle, grey sea eagle, erne)
6 hooked beak
7 claw (talon)
8 tail
9 common buzzard
10-13 accipiters
10 goshawk
11 common European kite (glede, kite)
12 sparrow hawk (spar-hawk)
13 marsh harrier (moor buzzard, moor harrier, moor hawk)
14-19 owls (nocturnal birds of prey)
14 long-eared owl (horned owl)
15 eagle-owl (great horned owl)
16 plumioern (feathered ear, ear tuft, ear, horn)
17 barn owl (white owl, silver owl, yellow owl, church owl, screech owl)
18 facial disc (disk)
19 little owl (sparrow owl)
1 sulphur-crested cockatoo, a parrot
2 blue-and-yellow macaw
3 blue bird of paradise
4 sappho
5 cardinal (cardinal bird)
6 toucan (red-billed toucan), one of the Piciformes
1–18 fishes
1 man-eater (blue shark, requin), a shark
2 nose (snout)
3 gill slit (gill cleft)
4 mirror carp, a carp
5 gill cover (operculum)
6 dorsal fin
7 pectoral fin
8 pelvic fin (abdominal fin, ventral fin)
9 anal fin
10 caudal fin (tail fin)
11 scale
12 catfish (sheefish, sheathfish, wels)
13 barbel
14 herring
15 brown trout, a trout
16 pike (northern pike)
17 freshwater eel (eel)
18 sea horse (Hippocampus, horsefish)
19 tufted gills
20–26 Amphibia (amphibians)
20–22 salamanders
20 greater water newt (crested newt), a water newt
21 dorsal crest
22 fire salamander, a salamander
23–26 salientians (anurans, batrachians)
23 European toad, a toad
24 tree frog (tree toad)
25 vocal sac (vocal pouch, croaking sac)
26 adhesive disc (disk)
27–41 reptiles
27, 30–37 lizards
27 sand lizard
28 hawksbill (turtle, hawksbill)
29 carapace (shell)
30 basilisk
31 desert monitor, a monitor lizard (monitor)
32 common iguana, an iguana
33 chameleon, one of the Chamaeleontidae (Rhipoglossa)
34 prehensile foot
35 prehensile tail
36 wall gecko, a gecko
37 slow worm (blindworm), one of the Anguidae

38–41 snakes
38 ringed snake (ring snake, water snake, grass snake), a colubrid
39 collar
40–41 vipers (adders)
40 common viper, a poisonous (venomous) snake
41 asp (asp viper)
1-6 butterflies
1 red admiral
2 peacock butterfly
3 orange tip (orange tip butterfly)
4 brimstone (brimstone butterfly)
5 Camberwell beauty (mourning cloak, mourning cloack butterfly)
6 blue (lycaenid butterfly, lycaenid)
7-11 moths (Heterocera)
7 garden tiger
8 red underwing
9 death's-head moth (death's-head hawkmoth, a hawkmoth (sphinx)
10 caterpillar
11 chrysalis (pupa)
1 platypus (duck-bill, duck-mole), a monotreme (oviparous mammal)
2-3 marsupial mammals (marsupials)
2 New World opossum, a didelphid
3 red kangaroo (red flyer), a kangaroo
4-7 insectivores (insect-eating mammals)
4 mole
5 hedgehog
6 shrew (shrew mouse), one of the Soricidae
8 nine-banded armadillo (peba)
9 long-eared bat (flitter-mouse), a flying mammal (chiropteran, chiropteran)
10 pangolin (scaly ant-eater), a scaly mammal
11 two-toed sloth (unau)
12-19 rodents
12 guinea pig (cavy)
13 porcupine
14 beaver
15 jerboa
16 hamster
17 water vole
18 marmot
19 squirrel
20 African elephant, a proboscidean (proboscian)
21 trunk (proboscis)
22 tusk
23 manatee (manati, manatian), a sirenian
24 South African dassie (das, coney, hyrax), a procaviid
25-31 ungulates
25-27 odd-toed ungulates
25 African black rhino, a rhinoceros (hiscorn)
26 Brazilian tapir, a tapir
27 zebra
28-31 even-toed ungulates
28-30 ruminants
28 llama
29 Bactrian camel (two-humped camel)
30 guanaco
31 hippopotamus
1-10 ungulates, ruminants
1 elk (moose)
2 wapiti (Am. elk)
3 chamois
4 giraffe
5 black buck, an antelope
6 mouflon (mouflon)
7 ibex (rock goat, bouquetin, steinbock)
8 water buffalo (Indian buffalo, water ox)
9 bison
10 musk ox
11-22 carnivores (beasts of prey)
11-13 Canidae
11 black-backed jackal (jackal)
12 red fox
13 wolf
14-17 martens
14 stone marten (beach marten)
15 sable
16 weasel
17 sea otter, an otter
18-22 seals (pinnipeds)
18 fur seal (sea bear, ursine seal)
19 common seal (sea calf, sea dog)
20 walrus (morse)
21 whiskers
22 tusk
23-29 whales
23 bottle-nosed dolphin (bottle-nose dolphin)
24 common dolphin
25 sperm whale (cachalot)
26 blowhole (spout hole)
27 dorsal fin
28 flipper
29 tail flukes (tail)
1–11 carnivores (beasts of prey)
1 striped hyena, a hyena
2 lion
3 mane (lion’s mane)
4 paw
5 tiger
6 leopard
7 cheetah (hunting leopard)
8 lynx
9–11 bears
9 raccoon (raccoon, *Am. coon*)
10 brown bear
11 polar bear (white bear)
12–16 primates
12–13 monkeys
12 rhesus monkey (rhesus, rhesus macaque)
13 baboon
14–16 anthropoids (anthropoid apes, great apes)
14 chimpanzee
15 orang-utan (orang-outan)
16 gorilla
1. Gigantocypris agassizi
2. Macropharynx longicaudatus (pelican eel)
3. Pentacerinus (feather star), a sea lily, an echinoderm
4. Thauatolampas diadema, a cuttlefish [luminescent]
5. Atolla, a deep-sea medusa, a coelenterate
6. Melanoctes, a pediculate [luminescent]
7. Lophiocalyx philippensis, a glass sponge
8. Mopsea, a sea fan [colony]
9. Hydrachmina, a hydroid polyp, a coelenterate [colony]
10. Malacosteus indicus, a stomiatid [luminescent]
11. Brisinga endecachemos, a sand star (brittle star), an echinoderm [luminescent only when stimulated]
12. Pasiphaea, a shrimp, a crustacean
13. Echiostoma, a stomiatid, a fish [luminescent]
14. Umbellula enicrinus, a sea pen (sea feather), a coelenterate [colony, luminescent]
15. Polychaetes, a crustacean
16. Lithodes, a crustacean, a crab
17. Archaster, a starfish (sea star), an echinoderm
18. Oncoirophanta, a sea cucumber, an echinoderm
19. Palaecopneustes niasicus, a sea urchin (sea hedgehog), an echinoderm
20. Chitonactis, a sea anemone (actinia), a coelenterate
1 forsythia
2 ovary and stamen
3 leaf
4 yellow-flowered jasmine
  (jasmin, jessamine)
5 flower [longitudinal section] with
   styles, ovaries and stamens
6 privet (common privet)
7 flower
8 infructescence
9 mock orange (sweet syringa)
10 snowball (snowball bush,
   guelder rose)
11 flower
12 fruits
13 oleander (rosebay, rose laurel)
14 flower [longitudinal section]
15 red magnolia
16 leaf
17 japonica (Japanese quince)
18 fruit
19 common box (box, box tree)
20 female flower
21 male flower
22 fruit [longitudinal section]
23 weigela (weigelia)
24 yucca [part of the inflorescence]
25 leaf
26 dog rose (briar rose, wild briar)
27 fruit
28 kerría
29 fruit
30 cornelian cherry
31 flower
32 fruit (cornelian cherry)
33 sweet gale (gale)
1 tulip tree (tulip poplar, saddle tree, whitewood)
2 carpels
3 stamen
4 fruit
5 hyssop
6 flower [front view]
7 flower
8 calyx with fruit
9 holly
10 androgynous (hermaphroditic, hermaphrodite) flower
11 male flower
12 fruit with stones exposed
13 honeysuckle (woodbine, woodbind)
14 flower buds
15 flower [cut open]
16 Virginia creeper (American ivy, woodbine)
17 open flower
18 infructescence
19 fruit [longitudinal section]
20 broom
21 flower with the petals removed
22 immature (unripe) legume (pod)
23 spiraea
24 flower [longitudinal section]
25 fruit
26 carpel
27 blackthorn (sloe)
28 leaves
29 fruits
30 single-pistilled hawthorn (thorn, may)
31 fruit
32 laburnum (golden chain, golden rain)
33 raceme
34 fruits
35 black elder (elder)
36 elder flowers (cymes)
37 elderberries
1 daisy (*Am.* English daisy)
2 flower
3 fruit
4 oxeye daisy (white oxeye daisy, marguerite)
5 flower
6 fruit
7 masterwort
8 cowslip
9 great mullein (Aaron's rod, shepherd's club)
10 bistort (snakeweed)
11 flower
12 knapweed
13 common mallow
14 fruit
15 yarrow
16 self-heal
17 bird's foot trefoil (bird's foot clover)
18 horsetail (*equisetum*) [a shoot]
19 flower (strobile)
20 campion (catchfly)
21 ragged robin (cuckoo flower)
22 birth-wort
23 flower
24 crane's bill
25 wild chicory (witloof, succory, wild endive)
26 common toadflax (butter-and-eggs)
27 lady's slipper (*Venus's slipper, Am.* moccasin flower)
28 orchis (wild orchid), an orchid
1 wood anemone (anemone, windflower)
2 lily of the valley
3 cat's foot (milkwort); *sim.*: sandflower (everlasting)
4 turk's cap (turk's cap lily)
5 goatsbeard (goat's beard)
6 ramson
7 lungwort
8 corydalis
9 orpine (livelong)
10 daphne
11 touch-me-not
12 staghorn (stag horn moss, stag's horn, stag's horn moss, coral evergreen)
13 butterwort, an insectivorous plant
14 sundew; *sim.*: Venus's flytrap
15 bearberry
16 polypody (polypod), a fern; *sim.*: male fern, brake (bracken, eagle fern), royal fern (royal osmund, king's fern, ditch fern)
17 haircap moss (hair moss, golden maidenhair), a moss
18 cotton grass (cotton rush)
19 heather (heath, ling); *sim.*: bell heather (cross-leaved heather)
20 rock rose (sun rose)
21 marsh tea
22 sweet flag (sweet calamus, sweet sedge)
23 bilberry (whortleberry, huckleberry, blueberry); *sim.*: cowberry (red whortleberry), bog bilberry ( bog whortleberry), crowberry (crakeberry)
379 Poisonous Plants

1aconite (monkshood, wolfsbane, helmet flower)
2foxglove (Digitalia)
3meadow saffron (naked lady, naked boys)
4hemlock (Conium)
5black nightshade (common nightshade, petty morel)
6henbane
7deadly nightshade (belladonna, banewort, dwale), a solanaceous herb
8thorn apple (stramonium, stramony, A.m. jimson weed, jimson weed, Jamestown weed, stinkweed)
9cuckoo pint (lords-and-ladies, wild arum, wake-robin)
10-13poisonous fungi (poisonous mushrooms, toadstools)
10fly agaric (fly amanita, fly fungus), an agaric
11amanita
12Satan's mushroom
13woolly milk cap
1 camomile (chamomile, wild camomile)
2 arnica
3 peppermint
4 wormwood (absinth)
5 valerian (allheal)
6 fennel
7 lavender
8 coltsfoot
9 tansy
10 centaury
11 ribwort (ribwort plantain, ribgrass)
12 marshmallow
13 alder buckthorn (alder dogwood)
14 castor-oil plant (Palma Christi)
15 opium poppy
16 senna (cassia); the dried leaflets: senna leaves
17 cinchona (chinchona)
18 camphor tree (camphor laurel)
19 betel palm (areca, areca palm)
20 betel nut (areca nut)
381 Edible Fungi (Esculent Fungi)

1. meadow mushroom (field mushroom)
2. mycelial threads (hyphae, mycelium) with fruiting bodies (mushrooms)
3. mushroom [longitudinal section]
4. cap (pileus) with gills
5. veil (velum)
6. gill [section]
7. basidia [on the gill with basidiospores]
8. germinating basidiospores (spores)
9. truffle
10. truffle [external view]
11. truffle [section]
12. interior showing asci [section]
13. two asci with the ascospores (spores)
14. chanterelle (chantarelle)
15. Chestnut Boletus
16. cep (cepe, squirrel's bread, Boletus edulis)
17. layer of tubes (hymenium)
18. stem (stipe)
19. puffball (Boletus edulis)
20. devil's tobacco pouch (common puffball)
21. Brown Ring Boletus (Boletus luteus)
22. Birch Boletus (Boletus scaber)
23. Russula vesca
24. scaled prickle fungus
25. slender funnel fungus
26. morel (Morchella esculenta)
27. morel (Morchella conica)
28. honey fungus
29. saffron milk cap
30. parasol mushroom
31. hedgehog fungus (yellow prickle fungus)
32. yellow coral fungus (goatsbeard, goat's beard, coral Clavaria)
33. little cluster fungus
383 Plants used in Industry

1 rape (cole, coleseed)
2 basal leaf
3 flower [longitudinal section]
4 mature (ripe) silique (pod)
5 oleiferous seed
6 flax
7 peduncle (pedicel, flower stalk)
8 seed vessel (boll)
9 hemp
10 fruiting female (pistillate) plant
11 female inflorescence
12 flower
13 male inflorescence
14 fruit
15 seed
16 cotton
17 flower
18 fruit
19 lint [cotton wool]
20 silk-cotton tree (kapok tree, ceiba tree)
21 fruit
22 flowering branch
23 seed
24 seed [longitudinal section]
25 jute
26 flowering branch
27 flower
28 fruit
29 olive tree (olive)
30 flowering branch
31 flower
32 fruit
33 rubber tree (rubber plant)
34 fruiting branch
35 fig
36 flower
37 gutta-percha tree
38 flowering branch
39 flower
40 fruit
41 peanut (ground nut, monkey nut)
42 flowering shoot
43 root with fruits
44 nut (kernel) [longitudinal section]
45 sesame plant (simsim, beninnessed)
46 flowers and fruiting branch
47 flower [longitudinal section]
48 coconut palm (coconut tree, coco palm, cocoa palm)
49 inflorescence
50 female flower
51 male flower [longitudinal section]
52 fruit [longitudinal section]
53 coconut (cokernut)
54 oil palm
55 male spadix
56 infructescence with fruit
57 seed with micropyles (foramina) (foraminate seed)
58 sago palm
59 fruit
60 bamboo stem (bamboo culm)
61 branch with leaves
62 spike
63 part of bamboo stem with joints
64 papyrus plant (paper reed, paper rush)
65 umbel
66 spike
384 Southern Fruits (Tropical, Subtropical, and Mediterranean Fruits)

1. date palm (date)
2. fructing palm
3. palm frond
4. male spadix
5. male flower
6. female spadix
7. female flower
8. stand of fruit
9. date
10. date kernel (seed)
11. fig
12. branch with pseudocarps
13. fig with flowers [longitudinal section]
14. female flower
15. male flower
16. pomegranate
17. flowering branch
18. flower [longitudinal section, corolla removed]
19. fruit
20. seed [longitudinal section]
21. seed [cross section]
22. embryo
23. lemon; *Citrus* tangerine (mandarin), orange, grapefruit
24. flowering branch
25. orange flower [longitudinal section]
26. fruit
27. orange [cross section]
28. banana plant (banana tree)
29. crown
30. herbaceous stalk with overlapping leaf sheaths
31. inflorescence with young fruits
32. infructescence (bunch of fruit)
33. banana
34. banana flower
35. banana leaf [diagram]
36. almond
37. flowering branch
38. fructing branch
39. fruit
40. drupe containing seed [almond]
41. carob
42. branch with female flowers
43. female flower
44. male flower
45. fruit
46. silique (pod) [cross section]
47. seed

48. sweet chestnut (Spanish chestnut)
49. flowering branch
50. female inflorescence
51. male flower
52. cupule containing seeds (nuts, chestnuts)
53. Brazil nut
54. flowering branch
55. leaf
56. flower [from above]
57. flower [longitudinal section]
58. opened capsule, containing seeds (nuts)
59. Brazil nut [cross section]
60. nut [longitudinal section]
61. pineapple plant (pineapple)
62. pseudocarp with crown of leaves
63. syncarp
64. pineapple flower
65. flower [longitudinal section]
Ordering of Entries

In the index the entries are ordered as follows:
1. Entries consisting of single words, e.g., 'hair'.
2. Entries consisting of noun + adjective. Within this category the adjectives are entered alphabetically, e.g., 'hair, bobbed' is followed by 'hair, closely-cropped'.

Where adjectival and noun are regarded as elements of a single lexical item, they are not inverted, e.g., 'blue spruce', not 'spruce, blue'.

3. Entries consisting of other phrases, e.g., 'hair curler', 'ham on the bone', are alphabetized as headwords.

Where a whole phrase makes the meaning or use of a headword highly specific, the whole phrase is entered alphabetically. For example 'ham on the bone' follows 'hammock'.

References

The numbers in bold type refer to the sections in which the word may be found, and those in normal type refer to the items named in the pictures. Homonyms, and in some cases, uses of the same word in different fields, are distinguished by different headings (in italics), some of which are abbreviated, to help to identify at a glance the field required. In most cases the full form referred to by the abbreviations will be obvious. Those which are not are explained in the following list:

Index

Agr. Agriculture/Agricultural
Alf. Plants Alpine Plants
Art. Studio Art's Studio
Bldg. Building
Carp. Carpenter
Cost. Costs
Cyc. Cycle
Dec. Deciduous
D.I.Y. Do-it-yourself
Dom. Anim. Domestic Animals
Equest. Equestrian
Gdn. Garden

Hydr. Eng.

Ingpl.
Inf. Tech.

Moon L.
Music Not.

Nav.

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