

G09B

EDUCATIONAL OR DEMONSTRATION APPLIANCES; APPLIANCES FOR TEACHING, OR COMMUNICATING WITH, THE BLIND, DEAF OR MUTE; MODELS; PLANETARIA; GLOBES; MAPS; DIAGRAMS (devices for psychotechnics or for testing reaction times A61B5/16 ; games, sports, amusements A63; projectors, projector screens G03B)

References relevant to classification in this group

This subclass/group does not cover:

Displaying;Advertizing;Signs;Labels or name-plates;Seals	G09F
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Devices for psychotechnics	A61B 5/16
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G09B 1/00

Manually or mechanically operated educational appliances using elements forming, or bearing, symbols, signs, pictures, or the like which are arranged or adapted to be arranged in one or more particular ways (puzzle-games A63F9/00; advertising or displaying in general G09F)

References relevant to classification in this group

This subclass/group does not cover:

Displaying;Advertizing;Signs;Labels or name-plates;Seals	G09F
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Building blocks and structures in general	A63H 33/00
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Games not otherwise provided for	A63F 9/00
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G09B 3/00

Manually or mechanically operated teaching appliances working with questions and answers (electrically-operated G09B7/00; [N: e.g. G09B7/063] advertising or displaying in general G09F)

Relationship between large subject matter areas

Question and answers games: [A63F 9/18](#)

References relevant to classification in this group

This subclass/group does not cover:

Displaying;Advertizing;Signs;Labels or name-plates;Seals	G09F
	G09B 7/06
Electrically-operated teaching apparatus or devises working with questions and answers	G09B 7/00

G09B 5/00

Electrically-operated educational appliances (working with questions and answers G09B7/00; simulators G09B9/00; advertising or displaying in general G09F)

Relationship between large subject matter areas

Conference or broadcast networks: [H04L 12/18](#)

Child proximity detectors: [G08B 21/02](#)

Registration or payment over television: [H04N 7/16](#)

References relevant to classification in this group

This subclass/group does not cover:

Displaying;Advertizing;Signs;Labels	G09F
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or name-plates;Seals	
Electrically-operated teaching apparatus or devises working with questions and answers	G09B 7/00
Simulators for teaching or training purposes	G09B 9/00

G09B 5/04

with audible presentation of the material to be studied (reading and recognising printed or written characters G06K9/00; sound recording or reproducing G11B)

Relationship between large subject matter areas

Recording and playback systems: [G05B 19/42](#)

Electric or electronic hearing aids: [H04R 25/00](#)

Informative references

Attention is drawn to the following places, which may be of interest for search:

INFORMATION STORAGE BASED ON RELATIVE MOVEMENT BETWEEN RECORD CARRIER AND TRANSDUCER	G11B
Methods or arrangements for reading or recognising printed or written characters or for recognising patterns	G06K 9/00

G09B 5/062

[N: Combinations of audio and printed presentations, e.g. magnetically striped cards, talking books, magnetic tapes with printed texts thereon]

Relationship between large subject matter areas

Book binding: [B42D](#)

G09B 5/08

providing for individual presentation of information to a plurality of student stations

Relationship between large subject matter areas

Secret communication: [H04C 9/00](#), [H04K](#)

G09B 5/10

all student stations being capable of presenting the same information simultaneously (G09B5/14 takes precedence)

Relationship between large subject matter areas

Audience response: [H04H 9/00L](#)

References relevant to classification in this group

This subclass/group does not cover:

with provision for individual teacher-student communication	G09B 5/14
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G09B 5/14

with provision for individual teacher-student communication

Relationship between large subject matter areas

Video conference: [H04N 7/14](#)

G09B 7/00

Electrically-operated teaching apparatus or devices working with questions and answers (mechanically operated G09B3/00; computing arrangements G06F)

Relationship between large subject matter areas

Question and answers games: [A63F 9/18](#)

References relevant to classification in this group

This subclass/group does not cover:

Manually or mechanically operated teaching appliances working with questions and answers	G09B 3/00
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Informative references

Attention is drawn to the following places, which may be of interest for search:

ELECTRICAL DIGITAL DATA PROCESSING (computers in which a part of the computation is effected hydraulically or pneumatically)	G06F
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G09B 7/06

of the multiple-choice answer-type, i.e. where a given question is provided with a series of answers and a choice has to be made from the answers

Relationship between large subject matter areas

OCR, scanning: [G06K 9/20](#)

G09B 7/07

providing for individual presentation of questions to a plurality of student stations

Relationship between large subject matter areas

Image transformation: [G06T 3/00](#)

G09B 9/00

Simulators for teaching or training purposes (for the use of weapons F41; computing aspects G06; [N: protocols for networked simulations H04L29/06034])

Relationship between large subject matter areas

Game displays: [A63F 13/00](#)

Informative references

Attention is drawn to the following places, which may be of interest for search:

Protocols for networked simulations, virtual reality or games	H04L 29/06034
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G09B 9/006

[N: for locating or ranging of objects]

Relationship between large subject matter areas

Night vision goggles: [F41A 33/00](#)

G09B 9/02

for teaching control of vehicles or other craft

Relationship between large subject matter areas

Amusement arrangements creating the illusion of travel: [A63G 31/16](#)

Protocols for networked simulations or virtual reality: [H04L 29/06034](#)

G09B 9/04

for teaching control of land vehicles

Informative references

Attention is drawn to the following places, which may be of interest for search:

Abstract tuition, procedural aspects	G09B 19/14 , G09B 19/16
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G09B 9/042

providing simulation in a real vehicle (G09B9/052, G09B9/058 take precedence)

Relationship between large subject matter areas

Vehicle testing: [G01M 17/00](#)

References relevant to classification in this group

This subclass/group does not cover:

characterised by providing for recording or measuring trainee's performance	G09B 9/052
for teaching control of cycles or motorcycles	G09B 9/058

G09B 9/058

for teaching control of cycles or motorcycles

Relationship between large subject matter areas

Motorcycles: [B25H 1/00](#)

G09B 11/00

Teaching hand-writing, shorthand, drawing, or painting

References relevant to classification in this group

This subclass/group does not cover:

Metronomes	G04F 5/02
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Music instruments in general	G10
Representaion of music	G10G 1/00

G09B 11/04

Guide sheets or plates; Tracing charts (templets for drawing purposes B43L13/20)

Informative references

Attention is drawn to the following places, which may be of interest for search:

Writing or drawing templates	B43L 13/20
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G09B 11/10

Teaching painting

Relationship between large subject matter areas

Paint: [C09D](#)

G09B 13/00

Teaching typing

G09B 15/00

Teaching music (metronomes [G04F5/02](#))

Informative references

Attention is drawn to the following places, which may be of interest for search:

Metronomes	G04F 5/02
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G09B 15/002

[N: Electrically operated systems]

References relevant to classification in this group

This subclass/group does not cover:

Karaoke	G10H 1/361
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G09B 15/04

with sound emitters

Relationship between large subject matter areas

Recording and playback systems: [G05B 19/42](#)

G09B 15/06

**Devices for exercising or strengthening fingers or arms;
 Devices for holding fingers or arms in a proper position for playing (for teaching typing G09B13/00; exercising apparatus for developing or strengthening the muscles for physical training A63B21/00, A63B23/00)**

References relevant to classification in this group

This subclass/group does not cover:

G09B 13/00	G09B 13/00
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Exercising apparatus for developing or strengthening the muscles or joints of the body by working against a counterforce, with or without measuring devices	A63B 21/00
Exercising apparatus specially adapted for particular parts of the body	A63B 23/00

G09B 17/00

Teaching reading (teaching lip-reading G09B21/00)

References relevant to classification in this group

This subclass/group does not cover:

Teaching literary skills	G09B 19/00
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G09B 19/00

Teaching not covered by other main groups of this subclass (teaching or practice apparatus for gun-aiming or gun-laying F41G3/26)

Relationship between large subject matter areas

Medicine intake reminders: [A61J 7/04](#)

Informative references

Attention is drawn to the following places, which may be of interest for search:

Teaching or practice apparatus for gun-aiming or gun-laying	F41G 3/26
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Special rules of classification within this group

Instruments or devices which are adequate for teaching purposes but have no particular features aimed at facilitating tuition should be classified in the corresponding fields rather than in [G09B 19/00](#); for example a black board and chalk don't have intrinsic properties that make them fit for teaching, their respective functions are to serve as a writing support and a writing tool.

G09B 19/0023

[N: Colour matching, recognition, analysis, mixture or the like]

Relationship between large subject matter areas

Measuring colours: [G01J 3/46](#)

G09B 19/003

[N: Repetitive work cycles; Sequence of movements]

Relationship between large subject matter areas

Exercise control in sport: [A63B 24/00](#)

Sport training gear: [A63B 69/00](#)

Shooting sports: [F41G 3/26](#)

Work benches: [B25H 1/00](#)

G09B 19/0046

[N: History]

Relationship between large subject matter areas

Games based on History : [A63F 3/0449](#)

G09B 19/0053

[N: Computers, e.g. programming (Computer models G09B23/186, data processing equipment used in education G06F5/20K)]

Relationship between large subject matter areas

Form filling: [G06F 17/243](#)

Special rules of classification within this group

Learning methods for artificial intelligence models are not to be classified in [G09B 19/0053](#) or anywhere in [G09B](#). For such methods, see [G06N 3/08](#).

The reference to [G06F 5/20K](#) is deprecated, the class no longer exists.

G09B 19/0061

[N: Geography]

Informative references

Attention is drawn to the following places, which may be of interest for search:

Maps	G09B 29/00
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G09B 19/0076

[N: Body hygiene; Dressing; Knot tying]

References relevant to classification in this group

This subclass/group does not cover:

Toilet seats for children	A47K 13/06
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Tooth brushes	A46B 15/0002 , A47K 1/09
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G09B 19/02

Counting; Calculating (abacus G06C1/00)

References relevant to classification in this group

This subclass/group does not cover:

Abacus	G06C 1/00
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G09B 19/06

Foreign languages (with audible presentation of material to be studied G09B5/04)

References relevant to classification in this group

This subclass/group does not cover:

Simulators for teaching or training purposes	G09B 5/04
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Natural language translators	G06F 17/28
Speech recognition	G10L

G09B 19/10

Modelling

Relationship between large subject matter areas

Sculpture or carving: see also [B44B](#)

G09B 19/16

Control of vehicles or other craft (simulators G09B9/02)

Relationship between large subject matter areas

Testing reaction times for vehicle drivers: [A61B 5/18](#)

References relevant to classification in this group

This subclass/group does not cover:

	G09B 9/02
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G09B 21/00

Teaching, or communicating with, the blind, deaf or mute (audible presentation of material to be studied G09B5/04; devices or methods for replacing direct visual or auditory perception by another kind of perception A61F9/08, A61F11/04; audible indication of meter readings or of colour G01D7/12; watches for blind persons G04B25/02; methods or arrangements for reading or recognising printed or written characters G06K9/00; speech analysis, speech recognition G10L; sound-recording or reproducing, per se G11B)

Relationship between large subject matter areas

Phones for the disabled, including the blind and the deaf: [H04M 1/2474](#)

References relevant to classification in this group

This subclass/group does not cover:

with audible presentation of the material to be studied	G09B 5/04
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Input means with feedback to humand body	G06F 3/00
Devices or methods enabling eye-patients to replace direct visual perception by another kind of perception	A61F 9/08
Devices or methods enabling ear patients to replace direct auditory	A61F 11/04

perception by another kind of perception	
Audible indication of meter readings, e.g. for the blind	G01D 7/12
by feeling; Clocks or watches for blind persons	G04B 25/02
Methods or arrangements for reading or recognising printed or written characters or for recognising patterns, e.g. fingerprints	G06K 9/00
SPEECH ANALYSIS OR SYNTHESIS; SPEECH RECOGNITION; SPEECH OR VOICE PROCESSING; SPEECH OR AUDIO CODING OR DECODING	G10L
INFORMATION STORAGE BASED ON RELATIVE MOVEMENT BETWEEN RECORD CARRIER AND TRANSDUCER	G11B

G09B 21/001

[N: Teaching or communicating with blind persons (G09B21/02 to G09B21/06 take precedence)]

Relationship between large subject matter areas

Enabling eye patients to replace direct visual perception: [A61F 9/08](#)

References relevant to classification in this group

This subclass/group does not cover:

Devices for Braille writing	G09B 21/02
Devices for teaching lip-reading	G09B 21/06

Informative references

Attention is drawn to the following places, which may be of interest for search:

Walking canes for the blind	A61H 3/06
Sonars - locating systems for the blind	G01S 15/00

G09B 21/003

[N: using tactile presentation of the information, e.g. Braille displays]

Informative references

Attention is drawn to the following places, which may be of interest for search:

Tactile clocks or watches for use by the blind	G04B 25/02
Tactile signalling systems	G08B 6/00

G09B 21/006

[N: using audible presentation of the information]

Informative references

Attention is drawn to the following places, which may be of interest for search:

Audible indications of meter or colour readings	G01D 7/12
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G09B 21/009

[N: Teaching or communicating with deaf persons (G09B21/04 takes precedence) (deaf and dumb persons G09B21/00)]

Relationship between large subject matter areas

Translating sound into colours and/or patterns : [A63J 17/00](#)

References relevant to classification in this group

This subclass/group does not cover:

Deaf aid-sets	H04R 25/00
Devices for conversing with the deaf-blind	G09B 21/04
Teaching, or communication with, the blind, deaf or mute	G09B 21/00

G09B 23/00

Models for scientific, medical, or mathematical purposes, e.g. full-sized devices for demonstration purposes (in the nature of toys A63H)

Informative references

Attention is drawn to the following places, which may be of interest for search:

MERRY-GO-ROUNDS; SWINGS; ROCKING-HORSES; CHUTES; SWITCHBACKS; SIMILAR DEVICES FOR PUBLIC AMUSEMENT	A63G
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G09B 23/186

[N: for digital electronics; for computers, e.g. microprocessors]

Relationship between large subject matter areas

Random generators: [G06F 7/58](#)

G09B 23/28

for medicine

Relationship between large subject matter areas

Actual surgery, medical diagnosis: [A61B](#)

Informative references

Attention is drawn to the following places, which may be of interest for search:

Computers adapted to administrate medical records in general	G06F 19/00A
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Glossary of terms

In this subclass/group, the following terms (or expressions) are used with the meaning indicated:

Phantom	human model used in medical simulations
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G09B 23/283

[N: for dentistry or oral hygiene (G09B23/286 takes precedence)]

Relationship between large subject matter areas

Actual dentistry tools: [A61B 1/00](#)

Measuring in dentistry: [A61C 19/04](#)

References relevant to classification in this group

This subclass/group does not cover:

Teaching the use of a toothbrush	G09B 19/0076
for scanning or photography techniques, e.g. X-rays, ultrasonics	G09B 23/286

G09B 23/285

[N: for injections, endoscopy, bronchoscopy, sigmoidoscopy, insertion of contraceptive devices or enemas]

Relationship between large subject matter areas

Actual medical endoscopic tools: [A61B 1/00](#)

G09B 23/288

[N: for artificial respiration or heart massage]

Relationship between large subject matter areas

Artificial respiration: [A61H 31/00](#)

Glossary of terms

In this subclass/group, the following terms (or expressions) are used with the meaning indicated:

CPR	cardiopulmonary resuscitation
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G09B 23/30

Anatomical models [N: G09B23/281 to G09B23/288 take precedence]

References relevant to classification in this group

This subclass/group does not cover:

for pregnancy, birth or obstetrics	G09B 23/281
for artificial respiration or heart massage	G09B 23/288

Informative references

Attention is drawn to the following places, which may be of interest for search:

Talking dolls	A63H 3/28
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G09B 25/00

Models for purposes not provided for in G09B23/00, e.g. full-sized devices for demonstration purposes (model vehicles, tracks therefor, models in the nature of toys A63H)

Relationship between large subject matter areas

Adaptative control systems: [G05B 13/00](#)

References relevant to classification in this group

This subclass/group does not cover:

Models for scientific, medical, or mathematical purposes	G09B 23/00
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Toys, e.g. TOPS, DOLLS, HOOPS, BUILDING BLOCKS	A63H
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G09B 25/02

of industrial processes; of machinery

Relationship between large subject matter areas

Motor or engine test benches: [B25H 1/0007](#)

G09B 25/04

of buildings

References relevant to classification in this group

This subclass/group does not cover:

Maps of buildings: [G09B 29/00](#)

G09B 27/00

Planetaria; Globes

G09B 29/00

Maps; Plans; Charts; Diagrams, e.g. route diagram (star maps G09B27/04; devices for holding or supporting maps A47B97/02; for computing purposes G06G1/14, G09B1/16; display boards G09F)

References relevant to classification in this group

This subclass/group does not cover:

GPS based navigation without other pedagogic purpose	G01C 21/00
Displaying;Advertizing;Signs;Labels or name-plates;Seals	G09F
in which a straight or curved line has to be drawn from given points on one or more input scales to one or more points on a result scale	G06G 1/14
the elements each bearing a plurality of different symbols, signs, or combinations of symbols and signs, only one symbol, sign, or combination thereof, of each element to be used at a time	G09B 1/16
Star maps	G09B 27/04

Informative references

Attention is drawn to the following places, which may be of interest for search:

in which a straight or curved line has to be drawn from given points on one or more input scales to one or more points on a result scale	G06G 1/14
Devices for holding or supporting maps, drawings, or the like, including means for preventing rolling-up	A47B 97/02

G09B 29/001

[N: Planning boards]

Informative references

Attention is drawn to the following places, which may be of interest for search:

Map printing process	B41M 3/02
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G09B 29/10

Map spot or coordinate position indicators; Map reading aids (optical projection apparatus per se G03B)

Relationship between large subject matter areas

For route calculation based e.g. on current position as indicated by GPS see [G01C 21/00](#)

Informative references

Attention is drawn to the following places, which may be of interest for search:

Navigation; Navigational instruments not provided for in preceding groups	G01C 21/00
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Glossary of terms

In this subclass/group, the following terms (or expressions) are used with the meaning indicated:

Map spot indicators	device or system which highlights the position(s) of points of interest
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