

The background of the entire page is a light blue pattern filled with various scientific and technical icons. These include test tubes with blue liquid, Erlenmeyer flasks with blue liquid, round-bottom flasks with blue liquid, molecular structures, gears, circuit boards, and atomic models. The icons are scattered across the page, creating a dense, thematic background for the text.

STEM

Laboratory Kits

CONTENTS



BIOLOGY

 TEACHER'S SET	3
 STUDENT SET	4
MICROSCOPE AND SET OF MICROSLIDES	5



CHEMISTRY

 TEACHER'S SET	6
 STUDENT SET	7



PHYSICS

 TEACHER'S SET (PHYSICS, MECHANICS AND THERMODYNAMICS)	8
 TEACHER'S SET (PHYSICS, ELECTRICITY SET)	9
 TEACHER'S SET (PHYSICS, ELECTRICITY SET) DEMONSTRATION KIT	10
 STUDENT SET (PHYSICS, ELECTRICITY SET WITH POWER SUPPLY)	11
 TEACHER'S SET (PHYSICS, OPTICS)	12
 STUDENT SET (PHYSICS, OPTICS)	13

For any further questions, please contact your sales representative

BIOLOGY

TEACHER'S SET

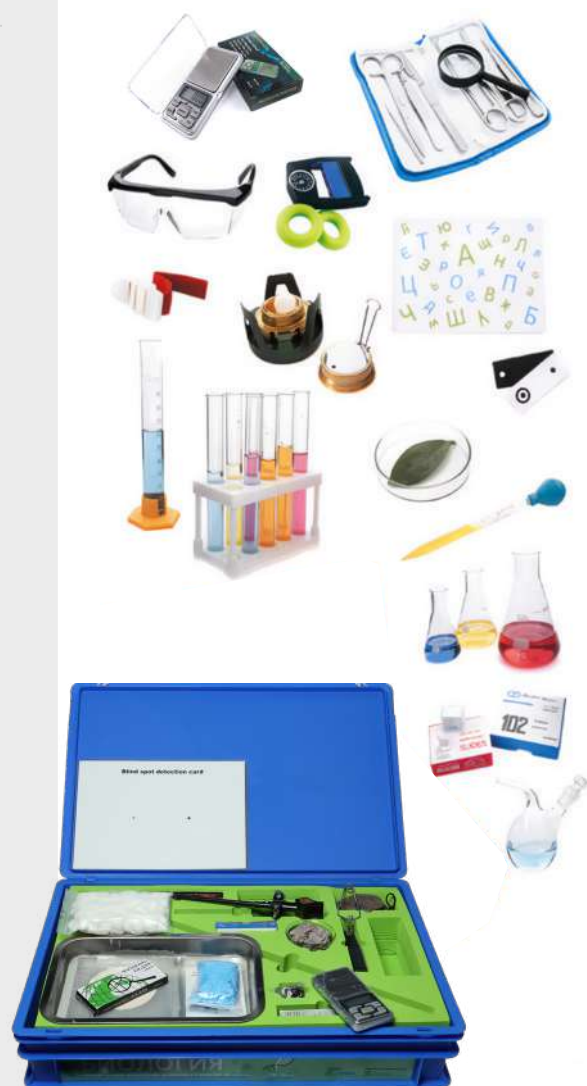
Designed for the K-12 curriculum. The teacher uses the kit during demonstrations, laboratory and practical lessons to familiarize students with the morphological and anatomical structure of plants and animals as well as the biochemical and physiological processes of living organisms.

Sales Item #ENBLGTS



Glassware and auxiliary equipment

- Graduated cylinder with pour spout and plastic base, glass, 100 ml
- Low-form beaker with spout and scale, heat-resistant glass, 50 ml
- Low-form beaker with spout and scale, heat-resistant glass, 100 ml
- Low-form beaker with spout and scale, heat-resistant glass, 250 ml
- Graduated Erlenmeyer flask, chemical-resistant glass, 50 ml
- Graduated Erlenmeyer flask, chemical-resistant glass, 100 ml
- Graduated Erlenmeyer flask, chemical-resistant glass, 250 ml
- Graduated Erlenmeyer flask, chemical-resistant glass, 500 ml
- Test tube with flared rim, glass, Ø 16 mm × 150 mm – 10 pcs
- Test-tube labels – 20 pcs
- Plastic rack for 10 test tubes (hole Ø 18 mm)
- Reagent bottle, plastic, 50 ml
- Metal test-tube holder
- Metal spoon-spatula, 150 mm
- Heat-resistant funnel, glass, Ø 60 mm × 110 mm
- Chemical-resistant dropper bottle, glass, 30 ml
- Watch glass, Ø 45 mm – 3 pcs
- Weighing bottle, glass, Ø 30 mm
- Weighing bottle, glass, Ø 40 mm
- Graduated pipette, glass, 10 ml
- Pasteur pipette, plastic, 3 ml
- Pasteur pipette, plastic, 5 ml
- Stirring rod, glass, 200 mm -5 pcs
- Universal spirit lamp with tripod
- Solid fuel tablets, 8 pcs / pack – 2 packs
- Brass gauze burner mesh
- Splints – 10pcs
- Safety goggles, plastic
- Textured-latex protective gloves – 3 pairs
- Brush for glassware, Ø13 mm
- Rubberized apron 1660
- Brush for glassware, Ø20 mm
- Dissecting tool set with magnifier, 10 pieces
- Microscope slide, ground edges, 25×75 mm, 50pcs / pack
- Cover glass, 24×24 mm, 100 pcs / pack
- Petri dish, Ø90mm × 20mm
- Mortar and pestle, porcelain, Ø 90mm
- Filter paper, Ø90 mm, 100pcs / pack
- Resealable polyethylene bag, 200×280mm – 5pcs
- Gauze, 1m
- Medical cotton wool, 25g
- Set of balloons
- Laboratory tray, metal, wax-coated, 310×210×42 mm
- Portable electronic scales
- Apparatus for demonstrating water uptake by roots
- Medical tourniquet, 450×25mm
- Hand expander
- Hand dynamometer
- Accommodation test card
- Blind-spot test card – 2 pcs
- Distilled water, 250 ml
- Iodine 5%, 20 ml
- Hydrogen peroxide 3%, 50ml
- Ethanol 96%, 100 ml
- Hydrochloric acid 13%, 0.1 N, standard titrant
- Starch, jar, 100g
- Glucose, jar, 50g
- Pepsin (microbial rennet), 1g / pack -2packs
- Food-color set (red, blue, yellow), 5g / pack
- Black card, A4
- Storage box



BIOLOGY

STUDENT SET

For K-12 use. Students employ the kit in laboratory and practical classes to study plant and animal anatomy, morphology and key biochemical and physiological processes.

Sales Item #ENBLGSS



- Electronic scales up to 200 g (0.1 g)
- Combined laboratory stand
- Hand magnifier
- Rubberized apron
- Cotton laboratory coat – 2 pcs
- Safety goggles
- Chemical-resistant protective gloves
- Storage box (plastic container) – 1 pc



BIOLOGY

MICROSCOPE AND SET OF MICROSLIDES



K-12 kit used in biology lessons to obtain magnified images of small objects or their structural details.

Sales Item #ENBLGMM



- Biological microscope with electronic eyepiece,
- magnification 40 – 1280x
- Slide set "Bacteria, Protists, Plants, Fungi" – 25 specimens
- Slide set "Zoology" – 14 specimens
- Slide set "Cytology, Histology, Genetics" – 21 specimens
- Slide set "General Biology" – 25 specimens
- Microscopy preparation set:
 - straight-edge blade
 - curved-edge blade
 - curved scissors
 - straight-tip tweezers
 - curved-tip tweezers
 - stainless-steel dissecting needle
 - 2 wooden-handle dissecting needles
 - straight and curved tips
 - portable loupe



CHEMISTRY

TEACHER'S SET



The Teacher's Set is designed for the K-12 curriculum. The teacher uses it for demonstrations, laboratory and practical exercises in inorganic and organic chemistry, enabling students to explore key chemical phenomena and processes, as well as the chemical and physical properties of the substances studied.

Sales Item #ENCMSTS



- Chemistry retort stand
- Apparatus for gas generation and collection
- Electrical-conductivity demonstration apparatus
- Portable electronic scales
- Graduated cylinder with pour spout and plastic base, glass, 100 ml
- Tall-form beaker with spout and scale, heat-resistant glass, 50 ml – 2 pcs
- Tall-form beaker with spout and scale, heat-resistant glass, 100 ml – 2 pcs
- Low-form beaker with spout and scale, heat-resistant glass, 250 ml
- Graduated Erlenmeyer flask, chemical-resistant glass, 50 ml – 2 pcs
- Graduated Erlenmeyer flask, chemical-resistant glass, 100 ml
- Graduated Erlenmeyer flask, chemical-resistant glass, 250 ml
- Flat-bottom boiling flask, heat-resistant glass, 250 ml – 2 pcs
- Test tube with flared rim, glass, Ø 16 mm x 150 mm – 30 pcs
- Straight-rim test tube, glass, Ø 21 mm x 200 mm – 6 pcs
- Bottle with stopper and cap, glass, 50 ml – 20 pcs
- Heat-resistant funnel, glass, Ø 60 mm x 110 mm
- Heat-resistant funnel, glass, Ø 75 mm x 130 mm
- Chemical-resistant dropper bottle, glass, 30 ml – 3 pcs
- Cylindrical separating funnel, graduated, glass, 60 ml
- Metal spoon, 140 mm
- Watch glass, Ø 45 mm – 3 pcs
- Weighing bottle, glass, Ø 30 mm – 2 pcs
- Stirring rod, glass, 200 mm – 10 pcs
- Mortar and pestle, porcelain, Ø 60 mm
- Porcelain spot plate
- Evaporating dish, porcelain, 50 ml
- Porcelain spoon, 140 mm
- Combustion spoon, metal
- Pasteur pipette, plastic, 3 ml – 2 pcs
- Pasteur pipette, plastic, 5 ml – 2 pcs
- Medical tweezers, metal
- Metal test-tube holder
- Plastic test-tube rack, 6 holes (Ø 22 mm)
- Plastic test-tube rack, 10 holes (Ø 18 mm) – 2 pcs
- Plastic test-tube rack, 20 holes (Ø 18 mm)
- Connecting tubing, polymer – 3 pcs
- Gas-delivery tube with stopper, glass, 110 mm – 2 pcs
- Rubber stopper, 16 mm (14/20 mm) – 5 pcs
- Universal spirit lamp with tripod
- Solid fuel tablets, 8 pcs/pack – 2 packs
- Brass gauze burner mesh
- Splints – 10 pcs
- Wash bottle, polypropylene, 500 ml
- Brush for glassware, Ø 13 mm
- Brush for glassware, Ø 20 mm
- Safety goggles, plastic
- Textured-latex protective gloves – 3 pairs
- Plastic laboratory tray
- Filter paper, Ø 90 mm, 100 pcs/pack
- Chemical-formula stickers
- Hazard-symbol stickers
- Storage box – 2 pcs



CHEMISTRY

STUDENT SET

The Interschool Student Set supports K-12 laboratory and practical work in inorganic and organic chemistry, helping students explore major chemical phenomena and processes, together with the physical and chemical properties of the substances under study.

Sales Item #ENCMSSS



- Laboratory chemistry stand
- Apparatus for gas generation and collection
- Graduated cylinder with pour spout and plastic base, glass, 50 ml
- Tall-form beaker with spout and scale, heat-resistant glass, 50 ml – 3 pcs
- Tall-form beaker with spout and scale, heat-resistant glass, 100 ml
- Low-form beaker with spout and scale, heat-resistant glass, 100 ml
- Flat-bottom boiling flask, heat-resistant glass, 50 ml
- Graduated Erlenmeyer flask, chemical-resistant glass, 250 ml
- Ground-joint Erlenmeyer flask, heat-resistant glass, 50 ml
- Ground-joint Erlenmeyer flask, heat-resistant glass, 100 ml
- Test tube with flared rim, glass, Ø 16 mm x 150 mm – 10 pcs
- Bottle with stopper and cap, glass, 50 ml – 8 pcs
- Bottle with stopper and cap, glass, 100 ml – 2 pcs
- Heat-resistant funnel, glass, Ø 60 mm x 110 mm
- Stirring rod, glass, 200 mm – 5 pcs
- Porcelain spot plate
- Evaporating dish, porcelain, 50 ml
- Combustion spoon, metal
- Metal spoon-spatula, 150 mm
- Pasteur pipette, plastic, 3 ml – 5 pcs
- Medical tweezers, metal
- Metal test-tube holder
- Plastic test-tube rack, 10 holes (Ø 18 mm)
- Connecting tubing, polymer
- Gas-delivery tube with stopper, glass, 110 mm – 2 pcs
- Rubber stopper, 16 mm (14/20 mm) – 5 pcs
- Universal spirit lamp with tripod
- Solid fuel tablets, 8 pcs/pack
- Brass gauze burner mesh
- Splints – 10 pcs
- Wash bottle, polypropylene, 250 ml
- Brush for glassware, Ø 13 mm
- Brush for glassware, Ø 20 mm
- Safety goggles, plastic
- Textured-latex protective gloves – 3 pairs
- Filter paper, Ø 90 mm, 100 pcs/pack
- Plastic laboratory tray
- Chemical-formula stickers
- Hazard-symbol stickers
- Periodic table of Mendeleev & solubility chart, A5
- Storage box





TEACHER'S SET

PHYSICS, MECHANICS AND THERMODYNAMICS

The kit is designed for the teacher's usage for demonstrations and by students during laboratory and practical lessons in mechanics and molecular physics. The kit familiarises learners with the main points of the molecular-kinetic theory, the structure of matter, methods of changing a body's internal energy and the nature of thermal phenomena. It develops experimental skills and research abilities and lets students verify key theoretical principles of mechanics and molecular physics in practice.

Sales Item #ENPHTSMT



Laboratory glassware and accessories (mechanics demonstration set)

- Universal physics stand
- Vernier calliper
- Set of detachable masses
- Set of two-hook masses, 50 g – 3 pcs
- Set of two-hook masses, 100 g – 3 pcs
- Triple pulley block
- Springs of different stiffness – 2 pcs
- Set of equal-mass bodies
- Set of calorimetric / equal-volume bodies
- Set of irregular-shape bodies
- Low-form beaker with spout & scale, heat-resistant glass, 100 ml
- Low-form beaker with spout & scale, heat-resistant glass, 250 ml
- Graduated cylinder with pour spout & plastic base, glass, 50 ml
- Graduated cylinder with pour spout & plastic base, glass, 100 ml
- Stopwatch
- Steel ball
- Aluminium ball with hook
- Plastic ball
- Nylon thread
- Portable electronic scales
- Track, 10 cm
- Track, 50 cm
- Metal protractor
- Disc for rotational-motion studies
- Wooden block with rubber face and three mass slots
- Thermometer
- Corked test tube
- Corked test tube with sand
- Hydrometer
- Rubber tourniquet
- Packet of sodium salt (for experiments)
- Capillary tube
- Clamps – 2 pcs
- Boyle–Mariotte apparatus
- Petri dish Ø 90 mm, h20mm
- Calorimeter
- Cylindrical separating funnel, chemical-resistant, graduated, glass, 60 ml
- Suspended cup with mass hanger
- Overflow can, plastic, 250 ml
- Plastic beaker, 50 ml
- Demonstration dynamometer 2 N
- Dynamometer 5 N
- Metal ruler, 30 cm
- Lever arm
- Modelling clay
- Storage box



PHYSICS

TEACHER'S SET



PHYSICS, ELECTRICAL SET



Designed for K-12 study. With leverage rulers, tribometers, scales and dynamometers, students explore the physics of magnetism, friction, heat transfer, oscillations, electric circuits, springs and density. The interactive experiments make learning engaging while reinforcing theoretical concepts in mechanics and molecular physics.

Sales Item #ENPHTSEL



- Laboratory leverage ruler
- Tribometer
- Galileo thermometer
- Electronic scales up to 200 g (0.1 g)
- Dynamometer
- Calorimeter beaker
- U-shaped laboratory magnet
- Pair of laboratory magnets
- Simple pendulum
- Mass set (10 × 100 g)
- Calorimetric body set
- Spring set, various stiffnesses
- Equal-volume body set
- Equal-mass body set
- Laboratory hot plate
- Combined laboratory stand
- Iron powder in capsules
- Galileo track
- Magnetic compasses on stands (pair)
- Storage box



PHYSICS

TEACHER SET



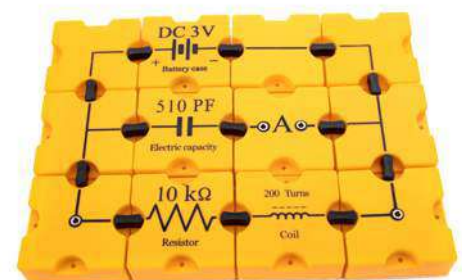
PHYSICS, ELECTRICITY SET
DEMONSTRATION KIT

For K-12 lessons; enables clear demonstrations of circuit assembly and the operating principles of various electrical schemes.

Sales Item #ENPHTSELD



- Demonstration set for electrostatics & basic circuits
- Link elements – 50 pcs
- **Fixed resistors:**
1 Ω ; 10 Ω (2); 47 Ω ; 100 Ω (2); 470 Ω ; 1 k Ω (2); 4.7 k Ω ; 10 k Ω ; 20 k Ω (2); 100 k Ω ; 1 M Ω
- **Variable & trimmer resistors:**
1 k Ω ; 10 k Ω ; 100 k Ω ; trimmer 1 k Ω
- **Non-polar capacitors:**
510 pF; 0.001 μ F; 0.01 μ F; 0.1 μ F
- **Electrolytic capacitors:**
1 μ F; 4.7 μ F; 10 μ F; 47 μ F; 100 μ F; 470 μ F
- Rectifier diodes 1N4001 – 3 pcs
- Signal diodes 1N914 – 3 pcs
- PNP transistors 2N3906 – 3 pcs
- NPN transistors 2N3906 – 3 pcs
- Coil 200 turns; coils 300 & 600 turns
- Transformer 220 V AC $\rightarrow$ 6 V AC
- DC motor 3 V
- Incandescent lamp 2.5 V
- 3 V battery pack
- Loudspeaker 3 V
- **Conductors & joints:** straight (4); angled with terminal (4); angled (4); angled with terminal (4); T-joint (4); T-joint with terminal (4); X-joint (2); X-joint with terminal (2)
- Two terminals for ammeter connection
- Storage box



PHYSICS

STUDENT SET 

PHYSICS, ELECTRICITY SET WITH POWER SUPPLY

For K-12 student experiments in electricity and magnetism – building circuits and analysing how different components function.

Sales Item #ENPHSSELP5



- Circuit-assembly panel
- Lamps 2.5 V 0.3 A – 2 pcs; 6.2 V 0.5 A – 2 pcs; 12 V 0.1
- A – 2 pcs
- **Leads:** red 25 cm (2), red 50 cm; black 25 cm (2), black 50 cm
- Alligator clips – 10 pcs
- Power-supply module 1.2 V – 2 pcs
- Bulb module 12 V – 4 pcs
- Push-button switch module; toggle-switch module
- **Resistor modules:** 100 Ω , 220 Ω , 470 Ω , 1 k Ω , 4.7 k Ω ,
- 10 k Ω (2 pcs each)
- **Capacitor modules:** 1000 μF ; 100 μF ; 470 μF
- Diode module
- Module for ammeter/voltmeter connection
- NTC thermistor
- Rheostat
- Bar (U-shaped) magnet
- Electromagnet; dismantlable electromagnet
- Coil (solenoid)
- Voltmeter 0–15 V / 0–1.5 V
- Galvanometer
- 12 V 2 A power supply
- Straight conductors – 6 pcs
- Angled conductors – 4 pcs
- Angled conductors with terminal – 2 pcs
- T-conductors – 2 pcs
- Storage box



PHYSICS

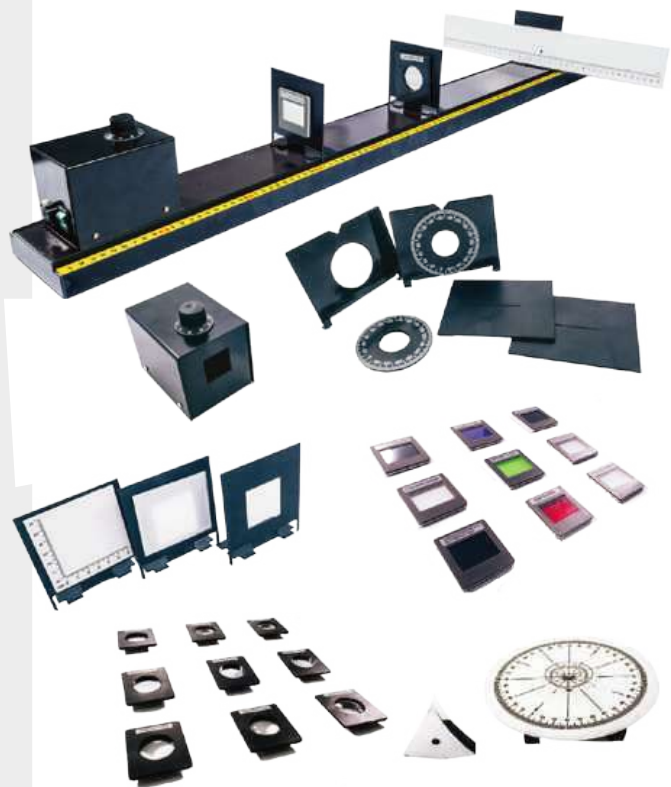
TEACHER'S SET PHYSICS, OPTICS

Designed for K-12 instruction. Used in physics labs to demonstrate and investigate geometrical and wave optics, allowing students to explore the nature of light and related phenomena and to verify optical laws experimentally.

Sales Item #ENPHTSPO



- Magnetic optical bench with scale
- Lens/element holders – 4 pcs
- Light source
- Inclined stand for optical disk & prisms
- Image plate (vector figure)
- Screen with scale for diffraction observations
- Plain screen
- Triple-mirror block (convex, concave, flat)
- Collimating mirror
- Single-slit plate 0.8 mm
- Five-slit plate 0.8 mm
- Acrylic semicylinder $\varnothing$ 25 mm
- Glass semicylinder $\varnothing$ 25 mm
- Acrylic block 70 × 40 × 20 mm
- Glass block 70 × 40 × 20 mm
- Concave mirror F = 50 mm
- Concave mirror F = 80 mm
- Convex mirror F = 50 mm
- Convex mirror F = 80 mm
- Convex lens F = 75 mm
- Convex lens F = 100 mm
- Convex lens F = 150 mm
- Concave lens F = 75 mm
- Concave lens F = 100 mm
- Concave lens F = 150 mm
- Equilateral triangular prism, glass
- Right-angle isosceles prism, glass
- Optical slit d = 0.05 mm
- Optical slit d = 0.10 mm
- Double slit d = 0.05 mm
- Double slit d = 0.10 mm
- Diffraction grating d = 0.01 mm
- Diffraction grating d = 0.06 mm
- Set of colour filters
- Optical disk
- Goniometric limb with degree scale
- Storage box



PHYSICS

Student Set Physics, Optics

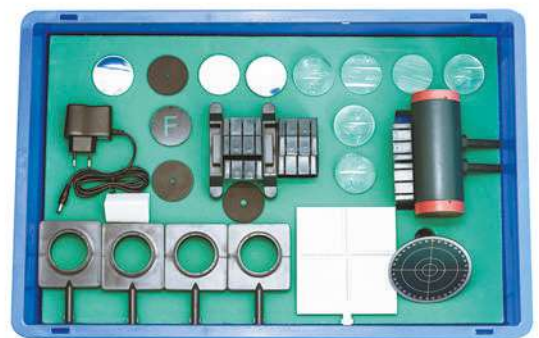


This kit is designed for the K-12 curriculum. It is used in the physics classroom to carry out laboratory experiments while studying the topic "Optics." The kit includes lenses of different focal lengths, colour filters, diffraction gratings and other optical components. It helps students master the operating principles of the pin-hole camera, telescope, microscope and periscope, while building solid hands-on skills.

Sales Item #ENPHSSPO



- Optical bench with scale, 64 cm
- Bench supports – 2 pcs
- Light source
- Sliding element holders – 8 pcs
- Lens holder frames – 4 pcs
- Lens set: $F = 100$ mm, $F = 150$ mm, $F = 200$ mm
- Prism with base
- Plate bearing the "F" image
- Diaphragm with 3 mm aperture
- Mirror
- Screen 120×130 mm
- Block (opaque stop)
- Single slit
- Diffraction grating
- Set of colour filters
- Grating-holder frames – 2 pcs
- Line laser
- Spot laser
- Storage box





www.einsteinworld.com

ALBERT EINSTEIN and/or EINSTEIN are trademarks or registered trademarks of The Hebrew University of Jerusalem, represented exclusively by CMG, Inc., and are used with permission. Official licensed merchandise. All rights reserved. Website: einstein™.biz

© 2025 **Fourier** Systems Ltd. All rights reserved. **Fourier** Systems Ltd. logos and all other **Fourier** product or service names are registered trademarks or trademarks of **Fourier** Systems. All other registered trademarks or trademarks belong to their respective companies.

einstein™World, LabMate, **einstein™**Activity Maker, MiLAB and Terra Nova, are registered trademarks or trademarks of **Fourier** Systems Ltd.

The Bluetooth® word mark and logo are registered trademarks owned by Bluetooth SIG, Inc.; microSD, is a trademarks of SD-3C; Apple, the Apple logo, iPad, and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc.; Android, Google, Google Play and other Google related marks are trademarks of Google Inc.; The Android robot is reproduced or modified from work created and shared by Google and used according to terms described in the Creative Commons 3.0 Attribution License.