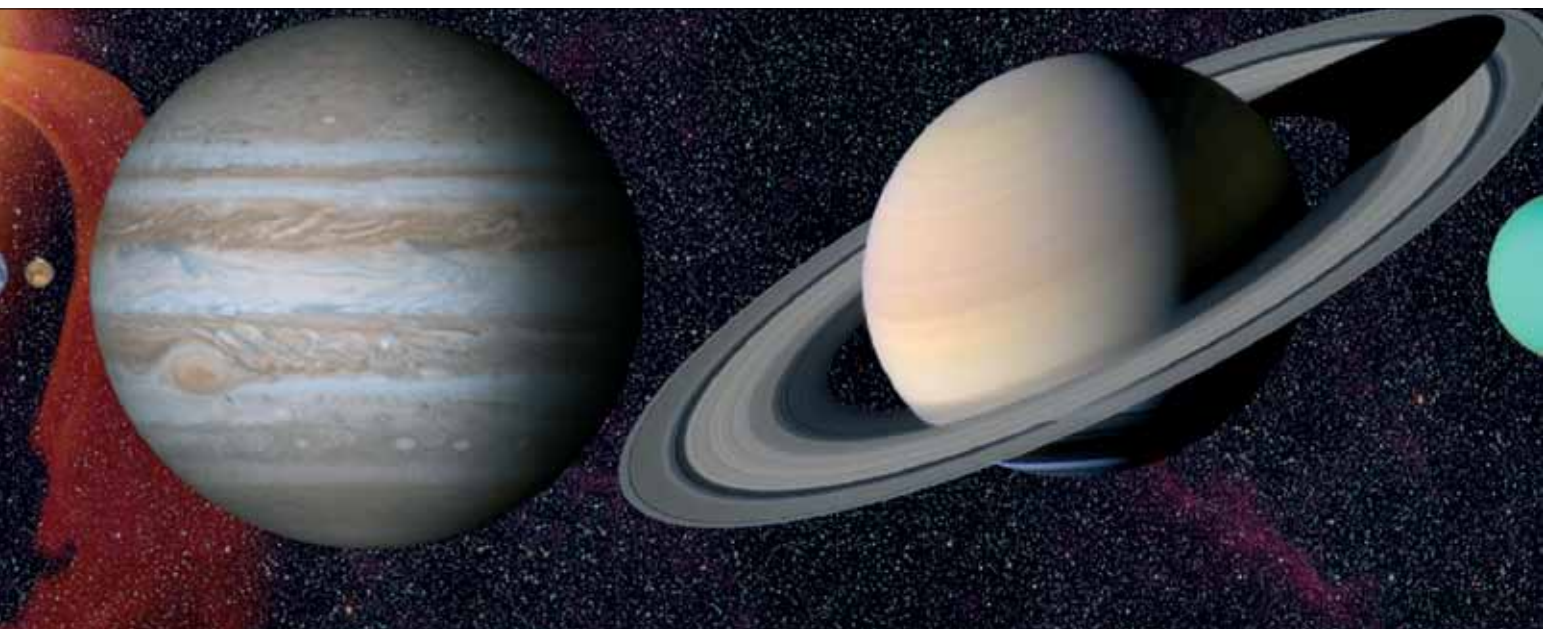


SECTION 8

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ROCKS, FOSSILS AND MINERALS

7037



HS2215



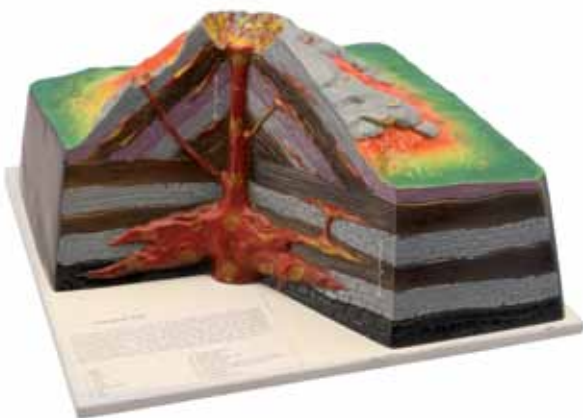
7038



7030



7157



ROCKS

7037 Collection of 24 rocks

Various origin.

HS2215 Collection of 15 rocks

Various origin.

HS2221 Collection of 15 rocks

Magmatic origin.

HS2226 Collection of 15 rocks

Metamorphic origin.

HS2231 Collection of 15 rocks

Sedimentary origin.

MINERALS

7038 Collection of 50 minerals and rocks

Various origin.

7030 Collection of 9 minerals

Scale of hardness. Without diamond.

HS2358 Collection of 10 minerals

Scale of hardness. Diamond included

HS2310 Collection of 15 gem minerals

Rare minerals considered gemstones: beryl, topaz, rose quartz, turquoise, olivine, corundum, garnet, tourmaline, etc...

HS2305 Collection of 15 natural crystals

These minerals, under specific conditions, have developed a crystal form. The collection includes samples from the six crystallographic systems.

HS2330 Collection of 15 colored minerals

The collection shows the relation between the color of minerals and the chemical compounds inside them.

HS2335 Double refraction, fluorescence, thermal expansion, conductivity, etc.

Double refraction, fluorescence, thermal expansion, conductivity, etc...

HS2251 Collection of 15 ores of common metals

HS2375 Collection of 15 fluorescent minerals

The fluorescence is visible with a short- or long-wave wood lamp.

7010 Collection of 5 minerals

For stereoscopy.

FOSSILS

7032 Collection of 15 fossils

Different geological eras.

HS3110 Collection of 15 fossils

Paleozoic era.

HS3115 Collection of 15 fossils

Mesozoic era.

HS3120 Collection of 15 fossils

Cenozoic era.

7157 Volcan model

Dimensions: 41x41x21h cm.

HS501 Set of 4 geological models

These models describe in details the surface structures and the cross sections of the four following geological configurations:

- the coasts
- the faults
- the volcano
- the Alps' glacial period

Every model is tridimensional and can be used both on a table and hanging from a wall. Experiment guide included.

Dimensions of each model: 38x31 cm.

HS502 Series of 4 geological models

Just like the previous item, but with the following geological configuration:

- the mountain landscape
- the continental glacial age
- the mountain folds
- the coast planes

7046 Sismograph

Simple electrical model (220V), reproducing how a modern sismograph works. It is supplied with a pen and a paper roll. Rotation speed: 1 turns/min. Dimensions: 36x18x15h cm.

HS555 Geological process kit

With this kit it is possible to perform more than 20 activities aiming at a wider knowledge of the volcano action, of the faults' creation, of the folds and of many other geological processes. It is composed of: a basin, three pieces of flexible foam rubber, three simulated rock structures, an erupting volcano. Experiment guide included.

HS570 Model of the history of the Earth

This tridimensional model links the rock layers with the geological eras. It contains 20 couples of fossils the students have to match with the right layers. Experiment guide included

HS610 Physiographic relief globe

It puts in evidence the cross section of the inner of Earth; it describes the earth crust, the mantle, the inner and outer core. Air density, distances and atmospheric layers are quoted. Experiment guide included.

7148 Ground sieves

Set of four different sieves made of stainless steel. Net links dimension: respectively 1 mm, 2 mm, 3 mm e 4 mm. They can be piled up and are completed by a collecting tray. Diameter: 120 mm, height: 50 mm.

HS501 Coasts



Faults



Volcano



Alps' glacial period



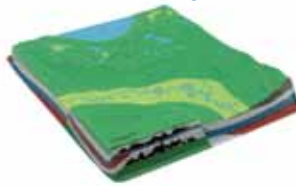
HS502 Mountain landscape



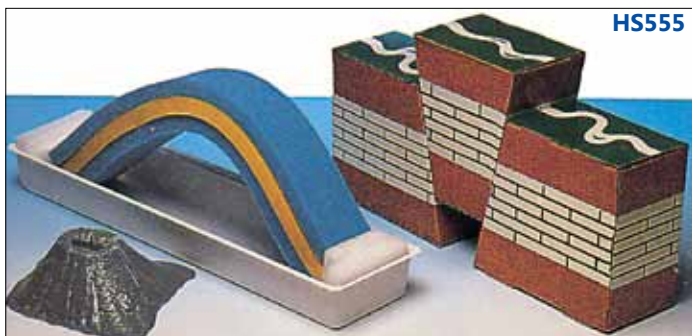
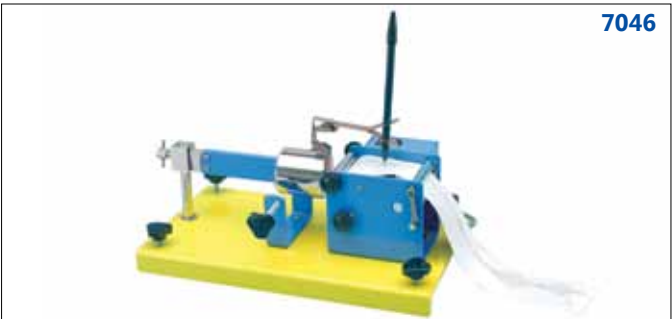
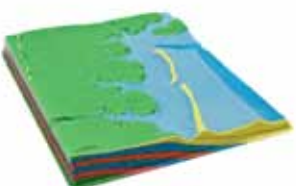
Mountain folds



Continental glacial period



Continental glacial period





5655 THE SUN, THE EARTH AND THE MOON

25 experiments

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| 5. The Earth's magnetisms | 16. Solar irradiation on the terrestrial surface |
| 6. The orientation | 17. The seasons |
| 7. The Earth's motions | 18. Earth's satellite - the Moon |
| 8. The Sun's apparent motion | 19. The moon phases |
| 9. The day and the night | 20. The eclipses |
| 10. The height of Sun at the horizon during the daytime | |
| 11. The measure of time | |

SUPPLIED EQUIPMENT

- | | |
|--|--|
| 1 Map of the Solar system | 1 Series of 4 cards |
| 1 Complete app. for the study of the Sun | 1 Time disk |
| 1 Stand for the Earth-Moon system | 1 Optic projector |
| 1 Vision tube | 1 Steel pivot with an inclinometer of 230 |
| 1 Horizon disk | 1 Protractor with needle |
| 1 Linear steel pivot | 1 Sundial model |
| 1 Sun rays model with stand | 1 Arm with clip and Moon |
| 1 Sphere with linear magnet | 1 Moon phases disk with double-inclination pivot |
| 1 Compass | 1 Clamp Ø 13 mm |
| 1 Metal rod Ø 10 mm | 2 Push pin |
| 1 Arrow with clip | 1 Stylus with needle |



7227 THE SUN, THE EARTH AND THE MOON

With the equipment of this kit, students can understand some astronomical phenomena such as:

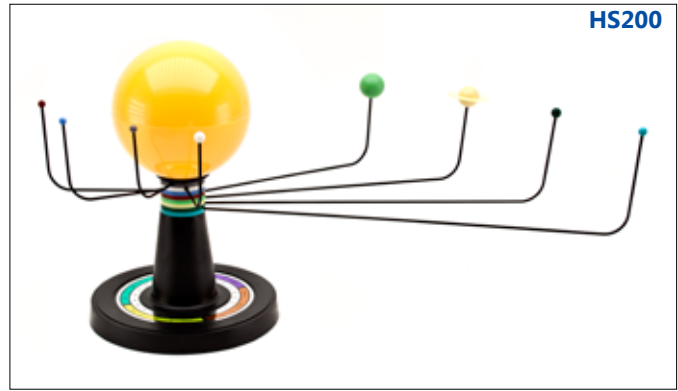
- Sun rising
- Sun setting;
- The seasons;
- The day and the night;
- The moon phases.

Supplied with english didactic guide

THE EARTH AND THE SOLAR SYSTEM

HS200 Solar system model

Every planet can rotate individually around the Sun; therefore it is possible to place each of them in the real position they reach on a certain date. Experiment guide included.
Sun diameter: 13 cm.



NR1 Electric orbiter

The item has two switches: the first one turns on the lamp; the second one turns on the engine responsible for the following motion:
- Earth revolving on its axis;
- Moon rotating around the Earth;
- Moon shifting position in respect to the elliptics plane;
- Earth-Moon system rotating around the Sun;
Experiment guide included.



HS151 Hand orbiter

The item can simulate phenomena of the day and the night, of the seasons, of the moon phases and of the eclipses.
Electric lighting of the Sun.
Experiment guide included.
Total length: 55 cm.

2074 Apparatus for the study of the solar radiation

This instrument can:
- measure the height of the Sun at the horizon;
- decompose the sunlight;
- verify that the solar irradiation changes according to the latitude and to the season.
Experiment guide included.



HS300 Celestial star globe

This item is a transparent sphere Ø 30 cm with the most important constellations on it. Globe, Sun, celestial meridian and celestial equator are all included. Experiment guide included.

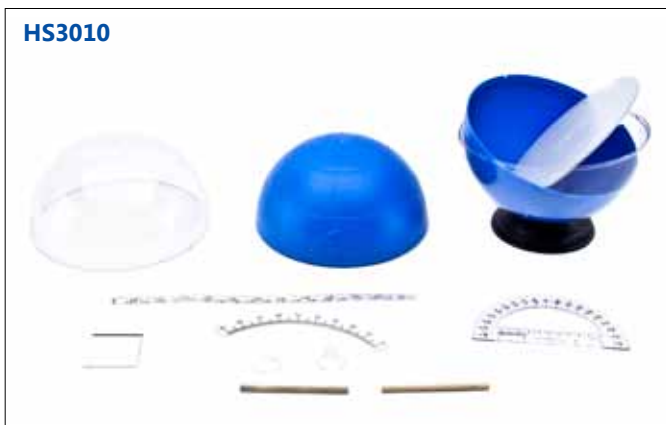
HS310 Celestial globe

It is a cheaper version of the celestial globe code HS300. It has the same diameter of the previous item, but no celestial meridian and equator on it.

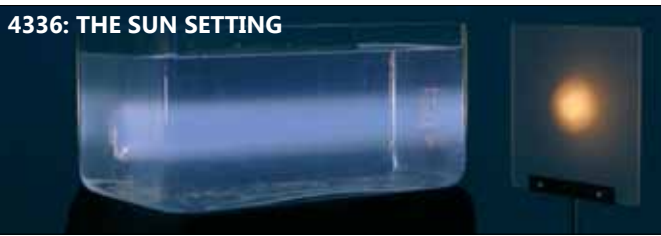
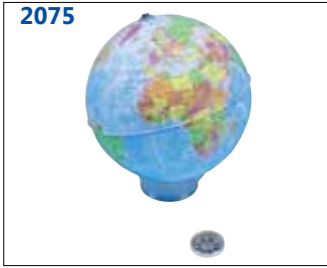
HS3010 Dimensions of the Earth Kit

With this kit it is possible to measure the Earth's sizes and to solve simple problems of astronomical geography. The kit is composed of:

- a globe Ø 20 cm.
- a sphere made of transparent material Ø 21 cm.
- an inner section of the Earth.
- a flexible kilometric scale
- a protractor.
- support material.
- experiment guide.



THE EARTH AND THE SOLAR SYSTEM



NR13 Inflatable globe
Diameter: 40 cm.

2075 Magnetic globe
The item is a globe with a diameter of 13 cm and a bar-magnet inside it, so to simulate the magnetic field of the Earth. The compass, included in the equipment, allows you to perform experiment on the basic concepts of orienteering.

NR4 The geographical globe "Elite 2001"
Globe showing physical cartography when its inner lamp is switched off, and physical-political cartography when the lamp is on. Diameter: 30 cm.

4336 Light diffusion Kit
If a solution containing a sulphur salt becomes acid, within 10 minutes sulphur crystals will start to grow progressively. When their dimension becomes comparable with the light wavelength, the light diffusion takes place. According to Rayleigh's explanation, the blue component is deviated in a much more effective way than the red one, which goes on undisturbed. So it is possible to simulate the phenomenon which cause the sky to be blue and the reddish color of the Sun and of the Moon when they are on the horizon line. With the help of a polarizing filter it is also possible to study the polarization of diffuse light. Optical projector code 4007 is sold separately.

- SUPPLIED EQUIPMENT:**
- Basin
 - Dropper
 - Glass stirrer
 - Half-transparent screen
 - Polarizing filter

- SUPPLIED ITEMS NOT INCLUDED:**
- Whole milk
 - Dioptric projector
 - Transformer to supply power to the projector
 - Tripod bases for the projector and translucent screen

7218 Solar system map
Solar system plastic poster; it is updated to the most recent astronomical discovers. There are pictures of the planets, taken from the space probes, whose dimensions are proportional to each other. A line with one mark for every planet's position is drawn apart to illustrate the distances' scale. The chart contains the most important physical/chemical data: distance, dimensions, mass, rotation period, revolution period, maximum and minimum temperatures, atmosphere's components and many other data. The principal features of the planets are reported, enriched by historical notes. The less important elements of the solar system aren't forgotten as well: asteroids and comets have a full description, with scale map of both asteroid belts. Dimensions 70x100 cm, support rods included.

7218

SOLAR SYSTEM MAP

www.ediweb.com