

Školski set Osnovi prirodnih nauka

This kit allows two or three groups of children to carry out simple experiments. Teachers can also use it for demonstration.

The manual describes 101 experiments on the following topics:

- Sila/Energija
- Voda
- Električna struja
- Magneti
- Vazduh i zvuk
- Svetlost
- Toplota
- Biljke

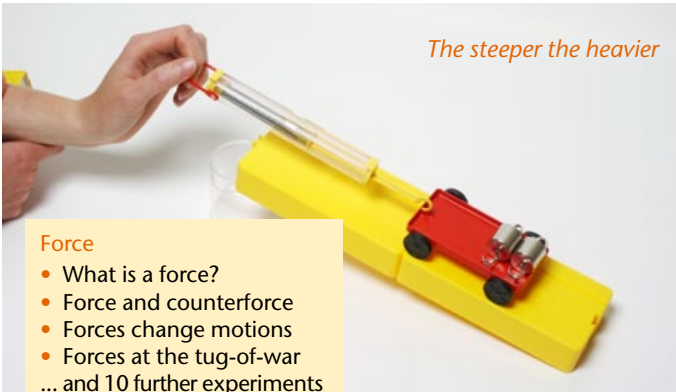


Included in delivery:

Experiment description



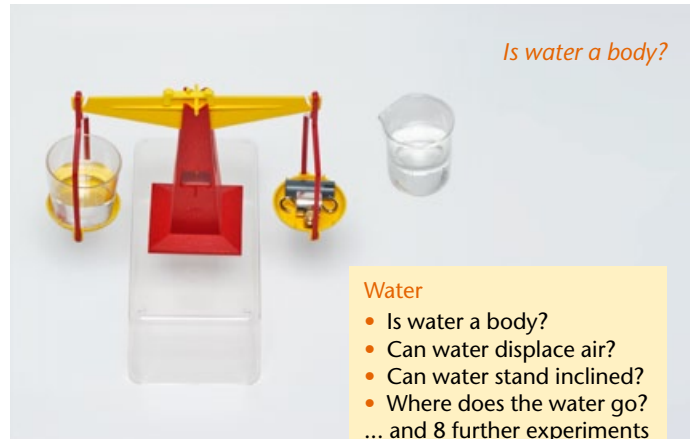
► Survey of experiments:



The steeper the heavier

Force

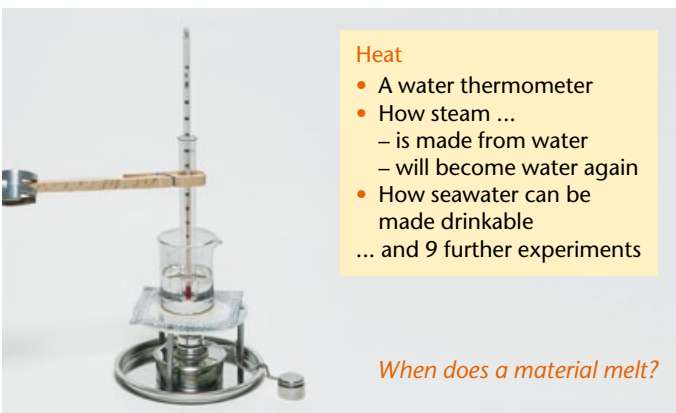
- What is a force?
- Force and counterforce
- Forces change motions
- Forces at the tug-of-war
- ... and 10 further experiments



Is water a body?

Water

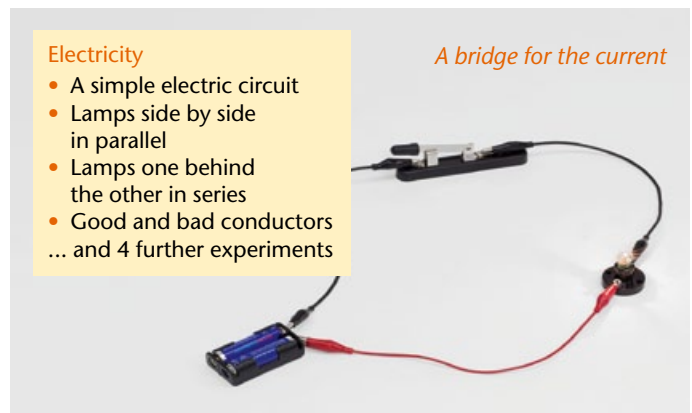
- Is water a body?
- Can water displace air?
- Can water stand inclined?
- Where does the water go?
- ... and 8 further experiments



Heat

- A water thermometer
- How steam ...
– is made from water
– will become water again
- How seawater can be made drinkable
- ... and 9 further experiments

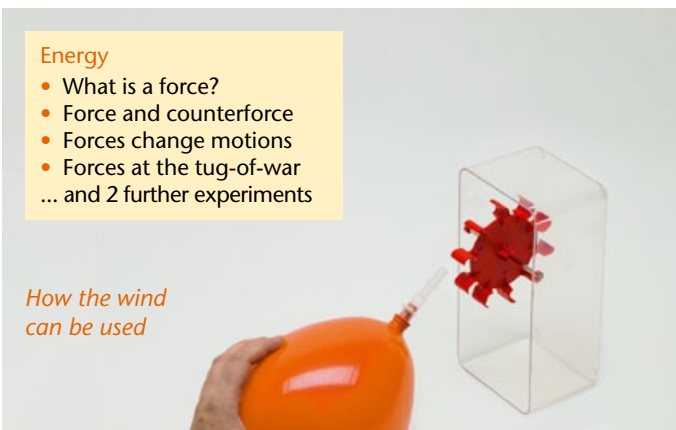
When does a material melt?



Electricity

- A simple electric circuit
- Lamps side by side in parallel
- Lamps one behind the other in series
- Good and bad conductors
- ... and 4 further experiments

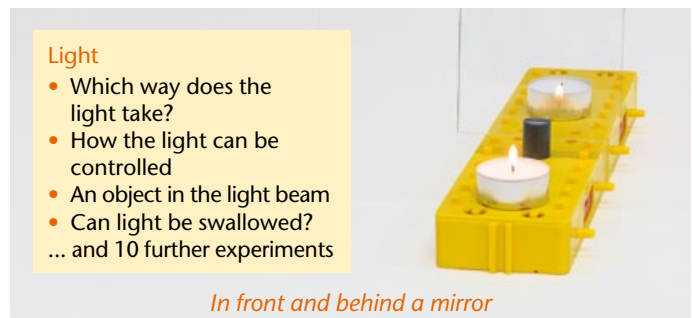
A bridge for the current



Energy

- What is a force?
- Force and counterforce
- Forces change motions
- Forces at the tug-of-war
- ... and 2 further experiments

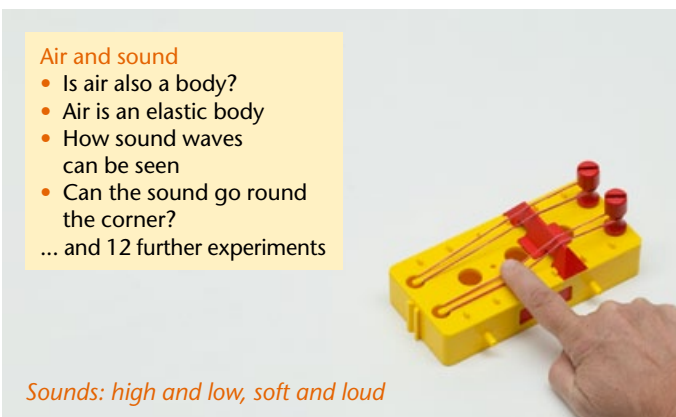
How the wind can be used



Light

- Which way does the light take?
- How the light can be controlled
- An object in the light beam
- Can light be swallowed?
- ... and 10 further experiments

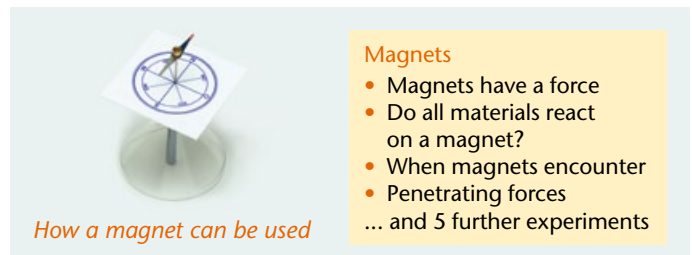
In front and behind a mirror



Air and sound

- Is air also a body?
- Air is an elastic body
- How sound waves can be seen
- Can the sound go round the corner?
- ... and 12 further experiments

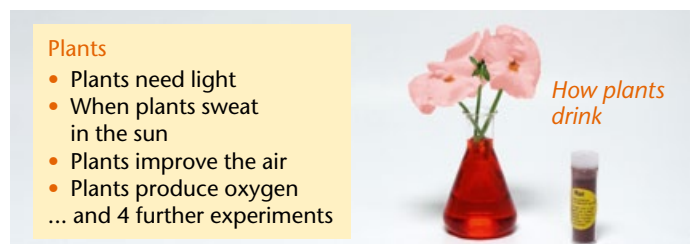
Sounds: high and low, soft and loud



Magnets

- Magnets have a force
- Do all materials react on a magnet?
- When magnets encounter
- Penetrating forces
- ... and 5 further experiments

How a magnet can be used



Plants

- Plants need light
- When plants sweat in the sun
- Plants improve the air
- Plants produce oxygen
- ... and 4 further experiments

How plants drink