Systèmes Didactiques s.a.r.l.
Equipement pour l'enseignement expérimental, scientifique et technique

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Science Kit - Riedenburger Modele 8-01

The Science Kit Riedenburg Model is a series of experiments for science education. The experiments are individually packed in drawers to fit in a standard cabinet. Each experiment is accompanied by printed instructions.

The experiments are selected based on the Bavarian curriculum for grade 8 secondary schools and middle schools in the teaching of nature and technology. There are 19 experiments included, out of which 15 are student experiments and 5 are teacher experiments.

The devices of the teacher experiment are provided once. The number of devices for the student experiments is customized to allow 5 groups to conduct experiments at the same time Detailed experiment instructions with didactic notes (teacher and student sections), photos of the experiment and a risk assessment are provided for all experiments. These documents are supplied in paper form, but can also be accessed digitally using a QR code.

Experiment Topics
Burner's licence
Heating liquids
Physical process or chemical reaction?
Endothermic and exothermic reaction
Detecting metals in salts
Burning magnesium ribbon
Detecting acids and alkalis
The acid-base reaction
Propagation of sound
Bacteria
Magnetic field lines
Oersted's experiment
Electromagnet
Electromagnetic induction
Generator
Electric motor
Transformer