

## 559881 - STEM Renewable Energies

Order code: **5503.559881**



Cena bez DPH

243,00 Eur

Price with VAT

294,03 Eur

Parameters

By age and focus

STEM Kits

Quantitative unit

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How is environmentally-friendly power generated? How does a fuel cell work, and how can you use it to produce hydrogen? Renewable energy sources will become the most important sources of energy in the future. Nine models and 28 experiments are used to demonstrate the production, storage and use of electricity from natural sources like water, wind and solar power. Powerful solar models can be attached in different ways for versatile use in the models. The included Gold Cap serves as an energy storage system, and can output stored energy. The fuel cell clearly demonstrates how water is split into the two components hydrogen and oxygen. This teaches children about future energy sources and helps them learn important skills. A full set of lesson plans helps teachers use the STEM Renewable Energies set in the classroom.

**Highlights:**

Generating, storing and using electrical current / energy sources: Water, wind, sun and hydrogen

**In the education set included:**

- 2x solarmodul 1V
- 1x solarmotor
- 1x goldcap
- 1x LED
- 1x Fuel Cell
- 1x voltage transformer
- multimeter