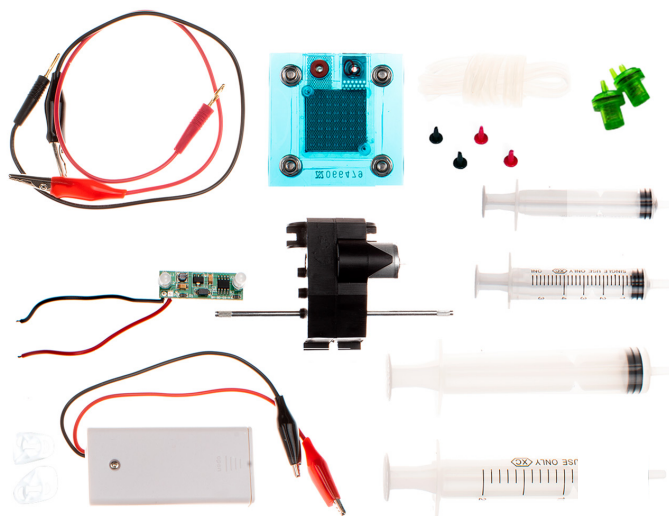


**We provide the hydrogen-fueled energy.
You provide the ingenuity.**

RESK-02B-1



DIY (Do it yourself) Fuel Cell Science Kit

What can you do with the DIY Fuel Cell Science Kit from Horizon? Whatever you can dream up. Everything you need to split water and use its hydrogen to generate electricity is included. What that electricity powers is up to you. Use our included activity guide or come up with your own ideas. How will you shape the future of energy?

INCLUDED COMPONENTS

- ✓ Reversible fuel cell (Transparent or blue)
- ✓ Set of silicone tubing
- ✓ 2 (5ml) Syringes
- ✓ 2 (20mL) Syringes for storage of Hydrogen and Oxygen
- ✓ LEDs with bare PCB board
- ✓ Set of crocodile/banana wire
- ✓ Set of red and black pins
- ✓ Battery pack
- ✓ Motor (required input 0.6V)
- ✓ Gearbox
- ✓ 2 Pressure relief valves
- ✓ 2 Plastic clamps
- ✓ Bag to protect fuel cell

CURRICULUM

Earth/Environmental Science:

- Human Impacts on Global Climate
- Alternative Energy Sources

Physics:

- Energy Matter
- Electricity

Chemistry

- Reactions: Catalytic and Redox
- Alternative Energy Sources

FEATURES

- ✓ STEM in a creative and open-ended way
- ✓ All-in-one electrolyzer and fuel cell
- ✓ Activity guide

Free online curriculum resources

