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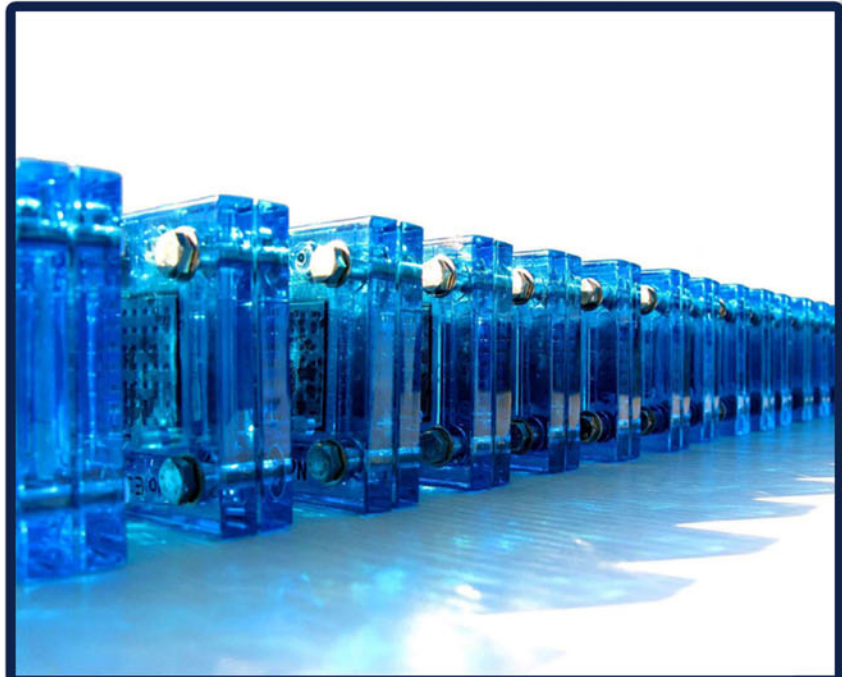
Green Technology: Renewable Energy Experiments

This stand-alone bundle is based on an affordable line of hands-on, green technology models from Horizon Fuel Cell Technologies. The instructor guides students through any number of hands-on learning experiences that revolve around alternative energy sources, including solar panels, fuel cells, and wind turbines.

For use as a whole-class curriculum, this product is available with the purchase of Horizon's Renewable Energy Science Education Set, which is also included with all of Applied Technologies' whole-class Green Technology CPUs.

Key Features:

- Presented through Applied Technologies' reliable *Media Cruiser™* software.
- Includes many resources for learning beyond the experiments.
- Scalable—use as much or as little as you like.

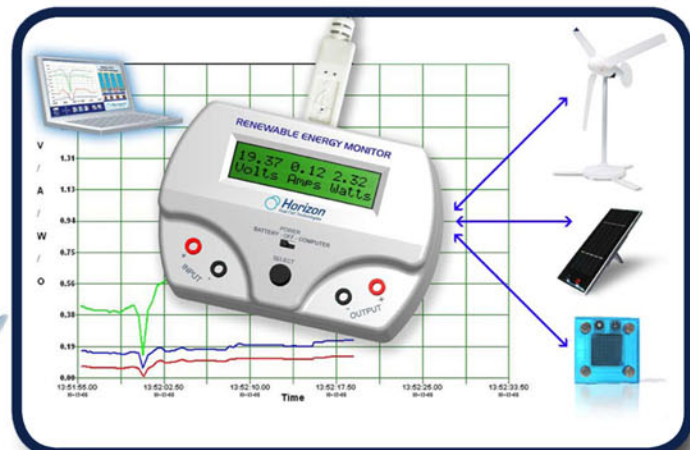


Topics Covered:

- How electricity is generated and used
- Electrical components and circuits, including how multimeters are used
- Measure and calculate voltage, current, power, and energy
- Measuring efficiency and effectiveness
- Photovoltaic cells and other forms of solar power
- How fuel cells work and can be used
- Wind turbines and other types of wind power
- Principles of aerodynamics
- Applying renewable energies to your school or home

Academic Concepts and Skills:

- Reading
- Writing
- Math
- Physical science
- Engineering
- Modeling/building
- Problem solving
- Research
- Teamwork
- Resource allocation
- Technological literacy



Green Technology: Renewable Energy Experiments

Product Numbers:

GTFCJJ-27 Renewable Energy Educational Set

GT1000 Renewable Energy Experiments CD



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