



POWER YOUR PRESENT AND OUR FUTURE.

The Ultimate Challenge

Understand the basics of electricity in order to evaluate an energy-related issue and engineer a solution with a balanced energy budget.

Available Formats & Applications

All programs are fully aligned to the Common Core and NGSS frameworks.

- Projects in Renewable Energy
- Summer Camp
- Apply to your Student Racing and Rover Challenge teams to earn points in the Energy category

Competition Overview (Optional)

All three National STEM League series include an Energy category. Student Racing, Rover and Innovator-in-Training Challenge teams earn points online and at face-to-face events for enhancing their energy systems. Points awarded are based on the A-B-C-D's: A = Analysis and Evaluation, B = Broader Impacts, C = Creativity and D = Data and Documentation.

Curriculum Overview

The Energy Turnkey kit and curriculum is implemented as a 6 - 10 week unit (45 -90 minutes per day), summer camp (30 contact units) and/or individual 2-6 week projects.

What is unique about Ten80's approach to instruction in the 'green energy' space? Students that successfully complete the curriculum understand the fundamentals of energy, electricity and how it translates into motion. As much time is spent on these underlying principles of energy systems as on the variables involved in energy generation.

The program focuses on these technologies:

- Solar Energy
- Wind Energy
- Hydrogen Fuel Cells

Contact us and download the Ten80 2015-16 Catalog for more information on implementation options.

Get Involved

Ten80Education.com

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Prepare for collaboration and competition in the "NSL".



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