

Energy from the Sun: Intermediate Level

Objectives: As a result of this lesson, students will learn about transformations of energy related to solar or radiant energy.

This is an inquiry-based unit with Teacher and Student Guides containing comprehensive background information on solar energy and how it can generate electricity. Students will conduct hands-on inquiry investigations, read nonfiction text, and think critically about solar energy. This kit contains most of the materials necessary to conduct the activities and investigation.

This kit includes:

- Clay
- Concave mirrors
- Flat mirrors
- Radiation can sets
- Solar balloons
- Solar cell kits
- Solar house kit
- Lab thermometers
- UV beads
- Oven thermometer
- Teacher Guide
- Student Guides



Additional Equipment Needed:

- Lights (or sun)

*To replenish any materials used, lost or broken during classroom use, check craft, hardware, or hobby stores. For more information or to purchase this kit, visit NEED.org