

# Wonders of the Sun

## NEED Elementary Classroom Kit

**Objectives:** As a result of this lesson, students will have an understanding on the effects of solar radiation and the many different ways solar energy can be used. They will also have been introduced to the relationship between particle energy and states of matter.

**This is a hands-on unit that explores the radiant energy from the sun and how it is used. Elementary students will explore the subject from an energy perspective using the student guide with informational text, vocabulary, practice formulating hypotheses, and places to record predictions, data and observations and conclusions. The kit contains most of the materials needed to conduct the explorations. Materials not included are easily available and inexpensive.**



**This kit includes:**

- (1) Package NaturePrint paper
- (1) Package clay
- (1) Radiometer
- (2) Solar balloons
- (1) Solar oven
- (1) Oven thermometer
- (4) Solar house kits
- (1) Inflatable globe
- (1) Package UV beads
- (30) Pipe cleaners
- (18) Student thermometers
- (1) Teacher guide
- (30) Student Guides

\*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](http://NEED.org)