

Unit 6 - Energy

Content Area: **Science**
Course(s): **Science 1**
Time Period: **May**
Length: **3-4 weeks**
Status: **Published**

Unit Overview

Essential Questions

What can energy do?

How do we use energy?

What is light?

Content

We use energy to change or do work.

Light is a kind of energy that comes from the sun, stars, candles and lamps.

Skills

Understand how energy is used

Demonstrate an understanding of what light can do

Assessments

Apply understanding of energy to tell how certain things in their home use energy

Study Guide

Chapter Review

Lessons/Learning Scenarios

Chapter 8: Lesson 1 and Lesson 3

Go Green, pg. 90

Chapter Review

Standards

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|-------------------|---|
| SCI.K-2.5.2.2.C | Knowing the characteristics of familiar forms of energy, including potential and kinetic energy, is useful in coming to the understanding that, for the most part, the natural world can be explained and is predictable. |
| SCI.K-2.5.2.2.C.1 | Compare, citing evidence, the heating of different colored objects placed in full sunlight. |
| SCI.K-2.5.2.2.C.2 | Apply a variety of strategies to collect evidence that validates the principle that if there is no light, objects cannot be seen. |
| SCI.K-2.5.2.2.C.3 | Present evidence that represents the relationship between a light source, solid object, and the resulting shadow. |
| SCI.K-2.5.2.2.C.b | An object can be seen when light strikes it and is reflected to a viewer's eye. If there is no light, objects cannot be seen. |
| SCI.K-2.5.2.2.C.c | When light strikes substances and objects through which it cannot pass, shadows result. |

Resources
