

ENERGY IN OUR WORLD

Grades 1- 4

Lab Time: 1 ½ hours

DESCRIPTION

Energy! It's what makes machines work and humans move. This program provides hands-on exploration of types and sources of energy and how they are used, as well as discussion of alternative and renewable energy sources. Your students will discover how energy powers our toys, our bodies and our machines through the DuPage Children's Museum's unique interactive exhibits.

Illinois State Learning Goals

State Goal 12: Understand the fundamental concepts, principles and interconnections of the life, physical and earth/space sciences.

Early Elementary

12.C.1a

- Identify and compare sources of energy (e.g., batteries, the sun).

12.E.1c

- Identify renewable and nonrenewable natural resources.

Late Elementary

12.C.2a

- Describe and compare types of energy including light, heat, sound, electrical and mechanical.