



# 4th Grade Lessons and Materials

## 9 Topics & 15 Lesson

### **Topic: Introduction to Electricity**

#### **Lesson: Build a Circuit**

##### **Materials Needed:**

- D Batteries
- Small Lightbulbs
- Battery Holder
- Lamp Holder
- 2 Pieces of Wire

### **Topic: Energy**

#### **Lesson: Sound Waves**

##### **Materials Needed:**

- Sponge
- 1 Thin Piece of Wire (1/2" longer than the diameter of the glasses)
- Pitcher of Water or a Glass Measuring Cup
- 2 Identical Glasses

#### **Lesson: Light Energy**

##### **Materials Needed:**

- Mirror
- Convex Lens
- Flashlight
- Index Cards
- Clear Plastic Container
- Straws
- Scissors

