

Electricity Sample Lesson

Objective: To learn the different parts of a circuit, what items conduct electricity, and how to build a working switch.

Resources: Electricity Background Information (in notebook)
Pages 12-15 *Magic of Electricity* Activity Guide

Supplies needed:

Brass Fasteners (In Kit)

Card board (In Kit)

Circuit kits (In Kit)

Items from Magnetic Best Guess Test (In Kit)

Activity Steps

1. Review parts of a circuit.
2. Create circuit poster or copy circuit information from notebook.
3. Supply items to small groups (3-5 youth)
4. Have them create a simple circuit & series circuit with kit. Youth can also create their own switch from cardboard and brass fasteners (page 12 from *Magic of Electricity* Activity Guide).
5. Put various items in circuit to see what items conduct electricity (use items included Best Guess Test kit).

Discussion Questions

1. Why are switches important?
2. How does a switch work?
3. How did you test your circuit?
4. What items conducted electricity in your circuit?
5. When is it important to know how to control the flow of electricity?