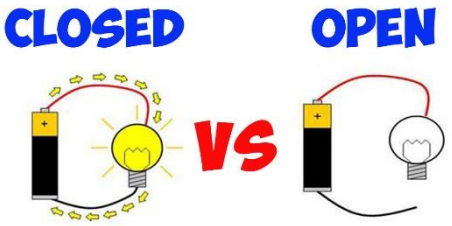
SCIENCE, TECHNOLOGY, ENGINEERING & MATH

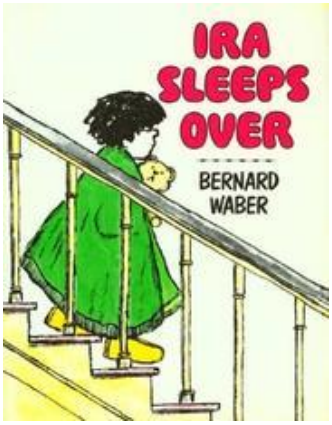
ELECTRICITY and CIRCUITS (3-5)

The SCIENCE of CIRCUITS:



- **Electricity** is a power source found in nature.
- A **circuit** is the path which electricity flows along.
- A circuit must be **closed** in order for electricity to flow.

LITERACY CONNECTION:



Ira Sleeps Over by Bernard Waber is about a little boy and his first time sleeping at a friend's house. Staying at a new place can be scary. What makes *you* feel safe at night?

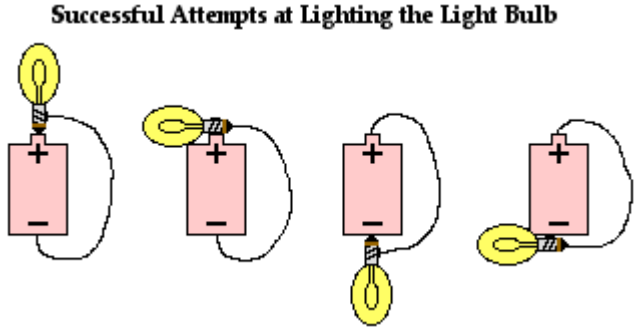
Don't have this book at home? Click the book title above for access to a digital version or enjoy a read aloud!

ACTIVITY: SIMPLE CIRCUIT

Materials: 2 sets of wires (open end or alligator clips), a flashlight, 1 battery, pencil, paper [OPTIONAL: SNAP Circuit kit]

Adult Supervision Recommended

1. Unscrew the flashlight and remove the battery
a. Look inside the flashlight – what do you see? (metal spring or tab)
2. Carefully take the bulb out of the flashlight
a. Draw a picture of the battery and another of the bulb. How do you think they are connected to make a complete circuit?
3. Take 1 wire, 1 battery and the bulb. Can you make the bulb light up? Finish your picture to show your circuit.



EXPLORE: Can you make the bulb light up with 2 wires? Now try it with a second battery!

For step-by-step instructions, watch the video at: Simple Circuit STEM Activity

This at-home educational activity is from the Literacy Coalition of Palm Beach County's literacy-based Stories & STEM program.
Stories & STEM is made possible with support from Prime Time Palm Beach County, Inc., which receives significant funding from the Children's Services Council of Palm Beach County, Inc.

Having fun? Send pictures or video links of you and your Stores & STEM projects to csharkey@literacypbc.org