

WHO TURNED OUT THE LIGHTS?

GRADE LEVEL

K - 2nd grade

OBJECTIVE

Students will witness a simple phenomenon where the classroom lights are out and all electronic devices/equipment are off. They will ask questions about how this would affect their lives and how it is affecting them right now.

PURPOSE OF ACTIVITY

Read or Listen
Apply Skills

COGNITIVE LEVEL

Strategic Thinking
Extended Thinking
Skills and Concepts

CLASS TIME

50 minutes

MATERIALS

- Classroom with electric lights
- Student Sheet

PROCEDURE

1. Turn all of the lights off in the classroom along with all other electronic devices (except for computer carts). Students will come into a dark room. Tell them that we cannot have the lights on today because we are pretending there is no electricity in the room.
2. Ask students for questions that they have about why the room is dark and what it might mean. Students record them on their student sheet. (Hand them the student sheet upon entering the classroom.)

CRITICAL THINKING QUESTIONS

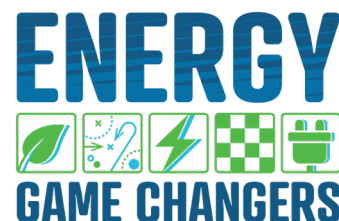
What must happen to make the circuit work to turn on the lightbulb?

The wires must be attached to the top and bottom of the battery. The wires must be attached to the lightbulb.

What are ways we can save energy?

Turn off lights when we are not using them. Use energy-efficient lightbulbs, etc.

Adapted from: <https://energy.utah.gov/energy-education/curriculum/>



ENJOY MORE CONTENT AT:
energygamechangers.myenergykit.org

WHO TURNED OUT THE LIGHTS?

Phenomenon: When you walked into the classroom today, you found a dark room with no electricity and no electronic devices working. Write down your observations or questions about this situation below. Write two observations and two questions.

Observations:

1.

2.

Questions:

1.

2.

The lights were off today to help us see how not having electricity would affect our learning environment. What would happen if the lights did not come on for the whole period? **Give three ideas:**

1.

2.

3.