Name: _____

Fuzzy's Monster Mission

Fuzzy is on a mission to save energy and be energy resilient. Complete this worksheet as you follow along to the PowerPoint.

1. Name three different items that use energy at home or school.

_____

_____

_____

2. What are three different ways you conserve energy at home?

_____

_____

_____

3. What is one thing Fuzzy and Specter did to be energy resilient **BEFORE** the power outage?

_____

4. What is one thing Fuzzy and Specter did to be energy resilient **DURING** the power outage?

_____

Energy Review

WORD BANK:

Efficiency

Conservation

Resilience

Energy _____ is the ability to be prepared when energy is unavailable, such as during a power outage.

Energy _____ is the use of habits and choices that reduce energy waste.

Energy _____ is the choice to use devices that need less energy to do the same job.

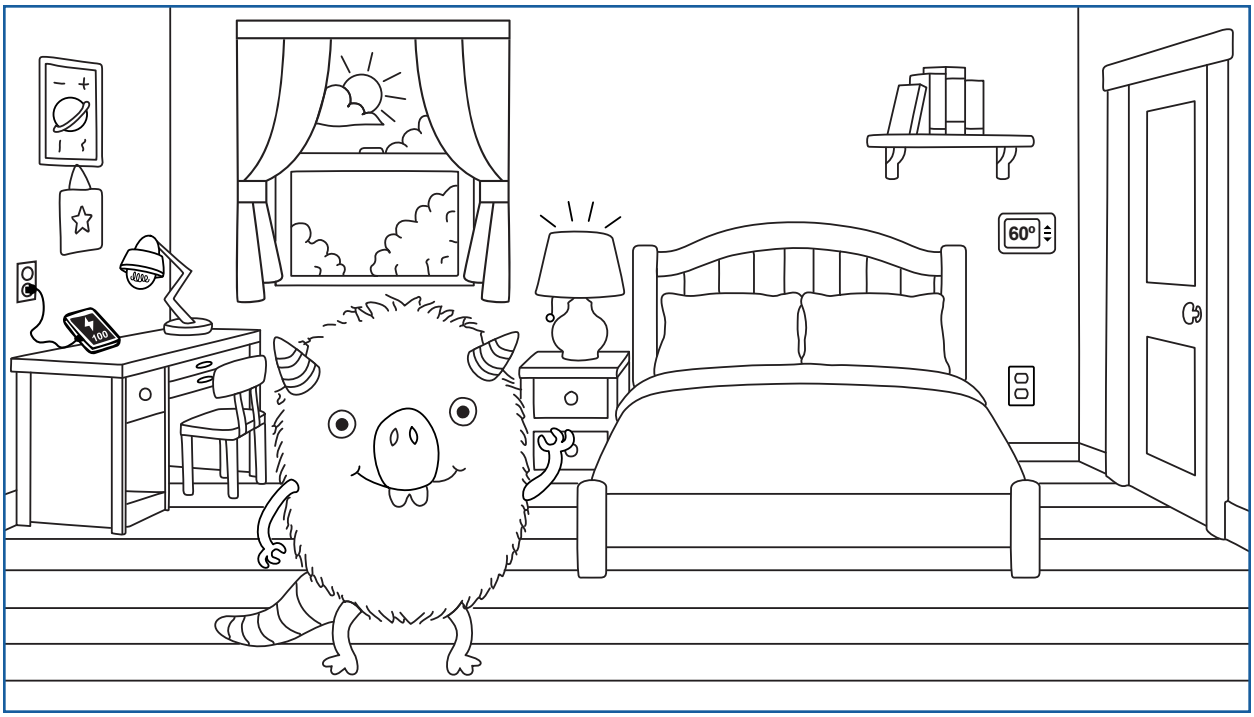
SoCalREN

Name: _____

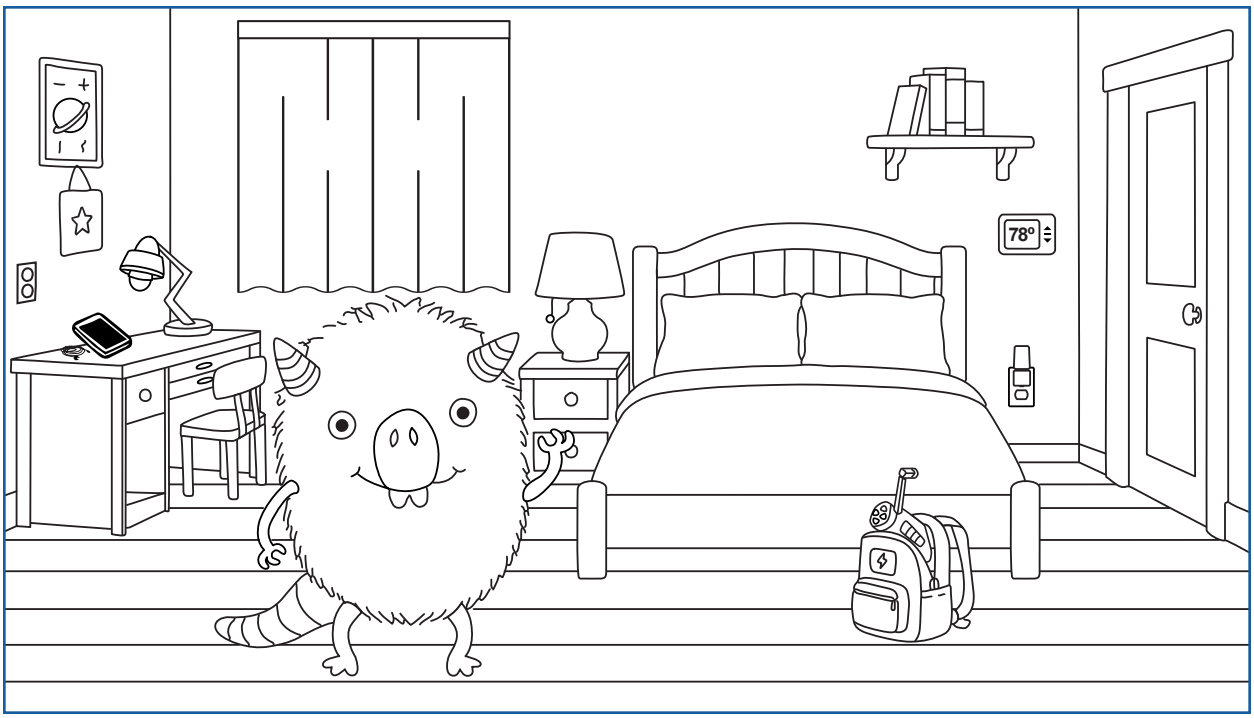
Spot the Difference

Can you find all **seven** differences?

Room 1: Needs Improvement



Room 2: Energy Ready



Room 2 is **energy efficient** because it does the same jobs with less energy. It is also **energy resilient** because it is prepared to handle and recover from a power outage.

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Teacher Key

Fuzzy's Monster Mission

Completed during the presentation.

1. **Their own idea—answers vary.** There are many acceptable answers—anything that is plugged into an outlet uses energy. Examples: refrigerator, lamp, television, computer, microwave, air conditioner, heater, washing machine, projector, and phone charger.
2. **Their own idea—answers vary.** To conserve is to use something carefully and not waste it, so accept any deliberate not-wasting action (e.g., turning off lights when leaving a room, closing the refrigerator quickly, shorter showers, turning off the TV, closing curtains on a hot day, unplugging a phone once it is charged).
3. **Before the power outage:** Fuzzy and Specter prepared by charging their phones, getting a flashlight, and making sure the refrigerator door was closed.
4. **During the power outage:** Fuzzy and Specter used a flashlight and kept the refrigerator door closed.

Energy Review

- Energy **resilience** is the ability to be prepared when energy is unavailable, such as during a power outage.
- Energy **efficiency** is the use of habits and choices that reduce energy waste.
- Energy **conservation** is the choice to use devices that need less energy to do the same job.

Optional Discussion

- Which of these save energy every day?
- Which help the home stay ready for a problem?
- Is there one that does both?

Works for either side of the sheet.

Spot the Difference

Optional bonus activity. Students should find seven changes.

1. **Curtains closed.** Closing the curtains blocks direct hot sun, helping the room stay cooler so the cooling system does less work.
2. **Fuzzy turns off the bedside lamp.** Fuzzy changes his behavior. He stops to switch off a light he no longer needs instead of walking away and leaving it on.
3. **LED bulb in the task lamp.** An LED bulb can provide the same useful drawing light with less energy and less wasted heat as an old incandescent bulb.
4. **Kit LED night light installed.** The kit's small LED night light can provide reassuring local light without keeping the much larger bedside lamp on.
5. **Thermostat changed from 60°F to 78°F.** In the game's hot-day scenario, 78°F uses less cooling energy than 60°F while the other cooling actions add comfort.
6. **Fully charged phone unplugged.** Once the phone is fully charged, unplugging it conserves energy while keeping the phone ready for important outage updates.
7. **Energy-Ready Pack stored by the door with solar hand-crank flashlight.** Keeping the Energy-Ready Pack together in a known place helps the household act quickly during a hot-weather event or outage. Packing the kit's solar hand-crank flashlight keeps reliable backup light ready without relying only on batteries.

Teacher Note

The thermostat numbers match the game's hot-day challenge. Families should always follow health, safety, and household guidance when choosing a real thermostat setting. Adults handle bulb replacement with the lamp off and unplugged. A student whose answer is not on these lists has not necessarily made a mistake—ask them to explain the choice, then sort it together.

The Southern California Regional Energy Network is administered by the County of Los Angeles and funded by California utility ratepayers under the auspices of the California Public Utilities Commission.

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