



Kits for Kids Lesson Plan

GUIDING QUESTION: What are energy efficiency and climate resiliency? Why are they important?

GOAL: Students will learn how everyday items in their homes use energy and discover simple ways to save energy and water. They will also explore how communities prepare for weather-related challenges. Finally, they will be encouraged to install the energy-efficient kit items at home with an adult.

OBJECTIVES FOR STUDENTS:

1. Define energy efficiency and climate resiliency.
2. Identify ways to save energy and strengthen climate resiliency.
3. Install the provided energy-efficient items at home with an adult.

Total Time: 50 minutes

TIME	TEACHER ACTION	RESOURCES
5 min	INTRODUCTION Goal: Introduce the topic, set expectations, and outline the lesson. <ul style="list-style-type: none">• Welcome students and introduce the lesson topic.• Go over the agenda on the slide.	Lesson PowerPoint Worksheet Fuzzy's Fun Zone
15 min	FUZZY'S MISSION (ENERGY EFFICIENCY) Goal: Teach students how items use energy and why energy efficiency matters. <ol style="list-style-type: none">1. Warm-up: Distribute worksheet (front side). Students answer independently (2 min).2. Review responses as a class (whole group or pair share).3. Intro: Present slides introducing energy efficiency.4. Game: Open Fuzzy's Mission in Fuzzy's Fun Zone. Read the instructions aloud, then play the game as a class. Note: Encourage students to notice which items save energy.	
5 min	COOLDOWN (ENERGY EFFICIENCY) Goal: Reinforce what students learned from Fuzzy's Mission. <ul style="list-style-type: none">• Guide students to the worksheet section on energy efficiency.• Students answer independently (2 min).• Review responses as a class (whole group or pair share).• Summarize key takeaways, such as how LEDs and efficient devices save energy.	

TIME	TEACHER ACTION	RESOURCES
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15 min

SPECTER'S MISSION (CLIMATE RESILIENCY)

Goal: Teach students what climate resiliency means and how communities prepare for challenges.

1. Warm-up: Direct students to worksheet resiliency section.
Students answer independently (2 min).
2. Review responses as a class (whole group or pair share).
3. Intro: Present slides introducing climate resiliency.
4. Game: Open Specter's Mission in Fuzzy's Fun Zone.
Read the instructions aloud, then play the game as a class.

Note: Encourage students to notice which resources make communities stronger.



5 min

COOLDOWN (CLIMATE RESILIENCY)

Goal: Reinforce what students learned from Specter's Mission.

- Guide students to the final section of the worksheet.
- Students answer independently (2 min).
- Review responses as a class.
- Summarize key takeaways—how resilient communities handle challenges.

5 min

KIT DISTRIBUTION

Goal: Ensure students understand expectations for kit use at home.

1. Distribute student kits.
2. Explain that students are expected to:
 - Take the kit home.
 - Install items with an adult.
 - Return the installation verification card to help their classroom earn the \$1,000 grant.
3. Optional: While distributing kits, allow students to complete the back of the worksheet with fun, engaging activities.

[Extra cards
for students](#)



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