

Severe Weather Lesson Plan 4th Grade

Teacher

Date

School

SLE # ESS.8.4.10: Describe weather-related

natural disasters, ESS.8.4.9: Demonstrate safety procedures related to severe weather

Objectives:

Content: I will be able to describe weather-related natural disasters.

I will be able to demonstrate safety procedures related to severe weather.

Language: I will be able to use the terms severe weather, safety procedure, demonstrate, natural disaster, tornadoes, hurricane, blizzard, thunderstorm, flood, wildfire, describe

Assessment: Students will be assessed based on completed graphic organizer and their completed comic strip.

Technology/Materials: Severe weather graphic organizer, pencil, copy paper or manila paper, colored pencils, markers (optional)

Vocabulary: severe weather, safety procedure, demonstrate, natural disaster, tornadoes, hurricane, blizzard, thunderstorm, flood, wildfire, describe

Bloom's: ☒ Remembering ☒ Understanding ☒ Applying ☒ Analyzing ☐ Evaluation ☒ Creating

Questions: Tell me about some natural disasters that you know about. Describe what those disasters look like. If you had to devise a plan for each one of the disasters, what would those plans look like? What do you predict would happen if one of those disasters struck Fort Smith? Tell me about what you could do to be safe.

High Yield Strategies: ☒ Identifying similarities & Differences ☐ Summarizing & Note Taking ☒ Cooperative Learning
☒ Reinforcing Effort & Providing Recognition ☒ Setting Objectives & Providing Feedback ☐ Generating & Testing Hypotheses
☒ Cues, Questions & Advanced Organizers ☐ Homework & Practice ☒ Nonlinguistic Representations

Instructional Strategies:

Engagement: Activate prior knowledge by asking questions above. Show some pictures of natural disasters and severe weather to the students.

Exploration: Distribute the Severe Weather and Natural Disasters Graphic Organizer. Give the students 10-15 minutes to complete the graphic organizer with their team or group of 3-4 students. (You may choose to cut the time short if they have completed it.)

Explanation: As a large group, create a class version of the graphic organizer by allowing students to share 1 or 2 things from their group's graphic organizer.

Elaboration: Once the class version is created, have groups of students select a natural disaster to create a comic strip.

(Cut natural disaster list into strips and place in a box or hat for students to randomly draw natural disaster. Since there are only 6 main disasters, you may need to print 2 lists and add in a few strips so each group gets one. Ex: 2 tornado groups, 2 hurricane groups, and 1 of the rest.)

The comic strip will need to incorporate the graphic organizer information. The comic MUST have what it looks like, safety procedures, and what people should NOT do.

Intervention Strategies: Remodel as needed, walk throughout the room to facilitate, and ask probing questions while groups are working.

Accommodations & Modifications (IEPs) See individual IEPs, group as needed, and shorten assignment.

Evaluation: Allow students to share their comic strip with the class.

Closure: Have students write or discuss about the following:

- Which natural disasters are the most dangerous?
- Describe some safety procedures that would help you in any of the natural disasters.
- Can you see a problem with some of the behaviors of people during a natural disaster?

Homework: None

Interdisciplinary Items Included: Art and literacy.