

Name _____



Hands-On Activity

Plan a Severe Weather Safety Kit

Explore online. 

Materials



What do you need in a severe weather safety kit?

Step 1

Questions can be written or drawn and will vary but should depict severe weather: a tornado, a hurricane, or a thunderstorm.

Ask questions about how weather safety kits would be different depending on the type of severe weather.

Step 2



Choose a kind of severe weather. Find out what is needed to have prepared ahead of time.

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Hands-On Activity  Small Groups  30–40 min

Plan a Severe Weather Safety Kit

3D Learning Objective

SEP Asking Questions and Defining Problems

Children learn more about a type of severe weather and plan a weather safety kit for the weather.

Suggested Materials Provide books and Internet sites with information on different types of severe weather. Place the books in the center of the table so children can share. Arrange for children to take turns using a computer, if one is available.

Preparation

Preview the books and Internet sites to be sure they contain relevant, age-appropriate information.

Activity

STEP 1 Have children identify the different types of severe weather. Have those who write about or draw the same type of weather work together in groups of three to four.

STEP 2 Brainstorm a list of questions children may need to answer to decide what to include in their severe weather safety kit. Questions may include the specific conditions associated with the weather and how long the weather is likely to last. Suggest they find the answers in the available resources.

Hands-On Activity, continued

STEP 3 Children should analyze what they learned from their research about the weather conditions they are preparing for. Based on their analysis, suggest children find or draw pictures of what they would include in their severe weather safety kits.

SEP Asking Questions and Defining Problems

Children should understand that the questions they asked led to their finding information that helped them decide what to include in their severe weather safety kit. **Ask: What two things would everyone need to include? Why?** **food and water because people need food and water every day to live**

Claims, Evidence, and Reasoning

Children should make a claim by stating the items they included in their severe weather safety kits. The evidence they cite should be the reason that supports the choice of each item. **Ask: Why do you need these things in your kit? Answers will depend on the weather conditions and the items selected for the kit.**

Scoring Rubric for Hands-On Activity	
3	States a claim supported with evidence that food, water, batteries, a radio, and other objects are needed in a severe weather safety kit
2	States a claim somewhat supported with evidence that food, water, batteries, a radio, and other objects are needed in a severe weather safety kit
1	States a claim that is not supported by evidence
0	Does not state a claim and does not provide evidence

Step 3



Draw to record what you find out.

Step 4

Make a plan for what would be included in your kit for this type of weather.

Make a claim.

Sample answer: I need to put food, water, a flashlight, batteries, and a first aid kit in a weather safety kit.

What is your evidence?

Answers may vary but should support why children chose the items for the weather safety kit.