



Science Learning Packet

Grade 3, Week 10:

Weather and Climate

Suggested science learning activities for SPS students during the COVID-19 school closure.

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Due to the COVID-19 closure, teachers were asked to provide packets of home activities. This is not intended to take the place of regular classroom instruction but will help supplement student learning and provide opportunities for student learning while they are absent from school. Assignments are not required or graded. Because of the unprecedented nature of this health crisis and the District's swift closure, some home activities may not be accessible.

If you have difficulty accessing the material or have any questions, please contact your student's teacher.



Elementary Science Learning Activity

Materials to accompany:

Chapter 4, Lesson 2

Chapter 4, Lesson 3

Grade 3

Week 10



AmplifyScience

Weather and Climate:

Establishing an Orangutan Reserve

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Preparing for Natural Hazards

Directions:

1. Compare this map to the maps on pages 7, 13, and 17 in *Dangerous Weather Ahead*.
2. Complete the sentences below by checking your choices. You may choose more than one answer for each sentence.



North Dakota: People living in North Dakota should be prepared for

- hurricanes blizzards lightning

Kansas: People living in Kansas should be prepared for

- hurricanes blizzards lightning

South Carolina: People living in South Carolina should be prepared for

- hurricanes blizzards lightning

Name: _____ Date: _____

Preparing for Natural Hazards (continued)

Choose one of the starred states and explain what the people who live there can do to prepare for natural hazards that are likely to happen. Use information from *Dangerous Weather Ahead* to help you explain.

I chose this state: _____

This is what the people who live there can do to be prepared:

Name: _____ Date: _____

Reading Reflection: *Dangerous Weather Ahead*

Hurricanes: What is one problem that hurricanes can cause?

What might be a solution for this problem? _____

Blizzards: What is one problem that blizzards can cause?

What might be a solution for this problem? _____

Lightning: What is one problem that lightning can cause?

What might be a solution for this problem? _____

Planning a Hurricane Structure

Directions:

1. Discuss the plan for your hurricane structure with your partner. Use the lists to help you make your plan.
2. Use the blank space at the bottom of this page for sketches and notes as you make your plan.

<p>This is what your hurricane structure needs to do:</p> <ol style="list-style-type: none">1. Hold a penny above water2. Stay upright during rain and wind3. Stand up by itself4. Fit in the plastic container	<p>Hurricane Structure Materials</p> <ul style="list-style-type: none">• 1 index card• 8 popsicle sticks• 8 straws• 1 pair of scissors• 2 meters of masking tape• 1 penny
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