



Science Learning Packet

Grade 3, Week 1:

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 1, Lesson 1

Chapter 1, Lesson 2

Grade 3

Week 1



AmplifyScience

Weather and Climate:

Establishing an Orangutan Reserve

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Name: _____ Date: _____

Pre-Unit Writing: Explaining Weather Data

Directions:

Read the messages to the Wildlife Protection Organization. Answer the questions that go with each message.

Part 1

Dear WPO,

I want to adopt a rabbit. I have a big hutch outside in my yard. I read somewhere that rabbits shouldn't be in temperatures over 80 degrees. Where I live, it sometimes gets pretty hot. I need to wear a T-shirt and shorts, and I drink a lot of water. If I adopt a rabbit, is it safe for me to keep him in the hutch outside?

Thanks for your help.

Carissa

Do you think it is safe for Carissa to keep a rabbit outside where she lives?

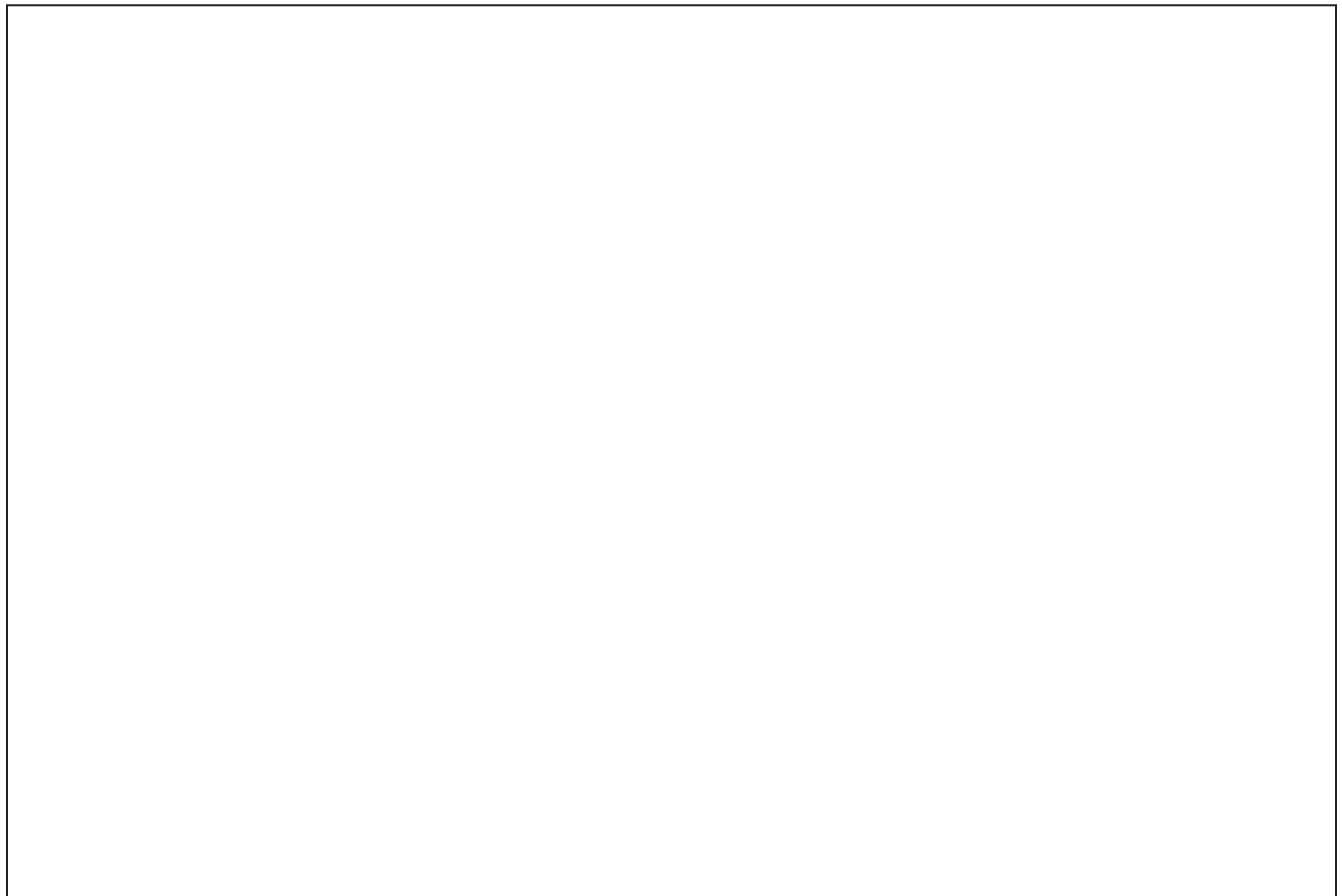
Is there any other information she could provide that would help you figure this out?

Name: _____ Date: _____

Daily Written Reflection

What kind of weather do you like best? Why?

Make a drawing if it helps you explain your thinking. Label your drawing.



Name: _____ Date: _____

Measuring Rainfall

Directions:

1. Take turns pouring water into the rain cup so it rains over Cup X and Cup Y.
2. Measure the rainfall in Cup X and Cup Y in a way that will allow you to compare the two amounts.
3. Draw or describe your measurements for Cup X and Cup Y.

Cup X:	<hr/> <hr/> <hr/> <hr/>
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Cup Y:	<hr/> <hr/> <hr/> <hr/>
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Which cup had more water? _____

Chapter 1, Lesson 2: Measuring Rainfall

1. In this lesson, we learned more about measuring rainfall. Explain why we need to know how much rain falls at the three islands in order to make a decision about where to put the orangutan reserve.

2. Here is the weather data for one day at the three islands.

	Temperature	Precipitation (rainfall)
Arc Island	An ice cube melted when it was left outside.	It didn't rain much.
Blue Island	95°F	The rain filled 2 bowls.
Creek Island	It is hot.	20 millimeters rainfall

Do you think it is easy or difficult to tell which island has the hottest temperature?

Do you think it is easy or difficult to tell which island has the most rainfall?

3. Why do meteorologists need to measure rainfall using a standard measurement like millimeters?-

4. Write one question you have about measuring weather:
