



Science Learning Packet

Grade 3, Week 5:

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 2, Lesson 4

Chapter 2, Lesson 5

Grade 3

Week 5



AmplifyScience

Weather and Climate:

Establishing an Orangutan Reserve

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Scientific Argument About Island Weather for Orangutans

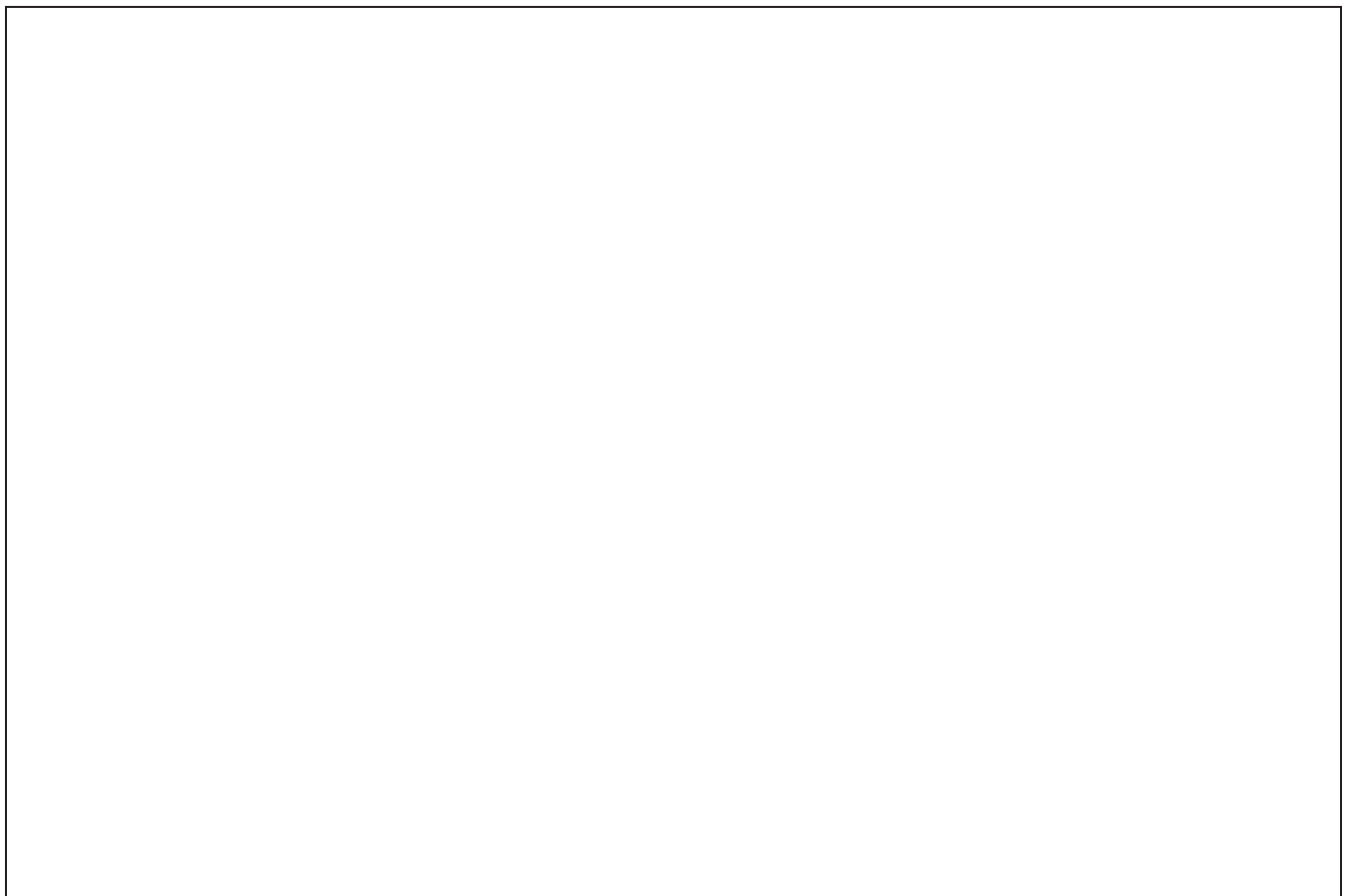
Chapter 2: Check Your Understanding

Name: _____ Date: _____

Daily Written Reflection

Think of a pattern. Describe it, and explain what makes it a pattern.

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



Name: _____ Date: _____

Reflecting on Evidence

Directions:

1. List the evidence card numbers for cards with strong evidence for comparing and predicting the weather in the left column.
2. List the evidence card numbers for cards with weak evidence for comparing and predicting the weather in the right column.
3. Answer the questions below and on the next page.

Strong evidence card numbers	Weak evidence card numbers

Evidence Card 1

Arc Island temperature on one day:
96°F

Is it possible to predict the weather for the next day using Evidence Card 1? Why or why not?

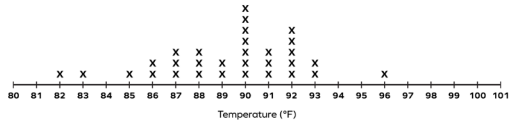
If you can make a prediction, what would you predict? _____

Name: _____ Date: _____

Reflecting on Evidence (continued)

Evidence Card 15

Arc Island daily high temperatures in August:



Is it possible to predict the weather for September 1 (the next day) using Evidence Card 15? Why or why not?

If you can make a prediction, what would you predict? _____

Name: _____ Date: _____

Chapter 2: Check Your Understanding

This is a chance for you to reflect on your learning so far. This is not a test. Be open and truthful when you respond.

Scientists investigate in order to figure out how things work. Am I getting closer to figuring out which island's weather is most like the weather where orangutans live?

I understand how to measure temperature and precipitation in such a way that I can make comparisons. Yes Not yet

I understand how I can predict the temperature of a place for the next few days. Yes Not yet

I understand how I can predict the temperature and precipitation of a place in future years. Yes Not yet

I understand what it means for different places to have different climates. Yes Not yet

I understand that I can predict future weather events by looking at maps of past weather events. Yes Not yet

I understand that scientists can answer some questions but not others and that this depends on the kind of evidence they have. Yes Not yet

What are you still wondering about weather or climate?
