



Science Learning Packet

Grade 3, Week 3:

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 5

Chapter 2, Lesson 1

Grade 3

Week 3



AmplifyScience

Weather and Climate:

Establishing an Orangutan Reserve

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Daily Written Reflection

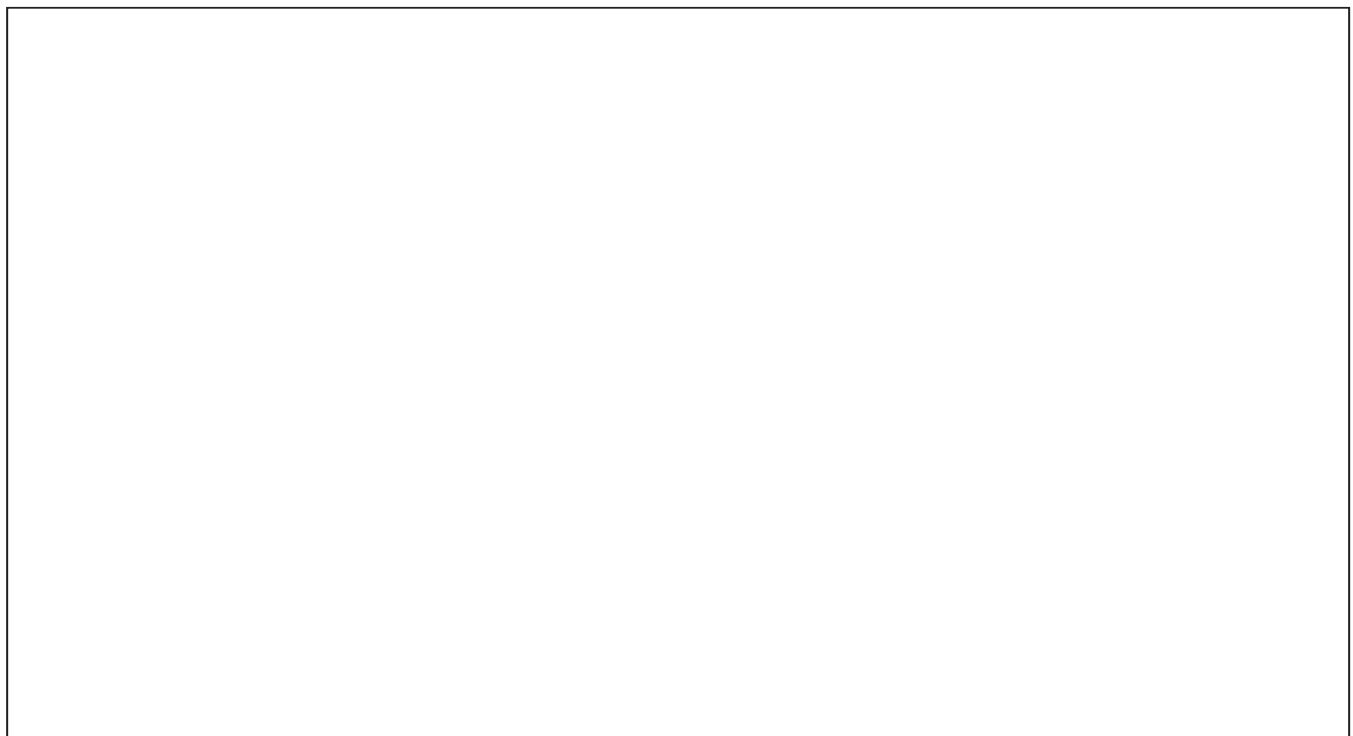
Graphing Orangutan Heights

Name: _____ Date: _____

Daily Written Reflection

Make a picture in your mind of what 94°F feels like. How does visualizing this temperature help you understand it?

Make a drawing if it helps you explain your thinking. Label your drawing, then take a photo of your drawing and attach it below.



Name: _____ Date: _____

Chapter 1: 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

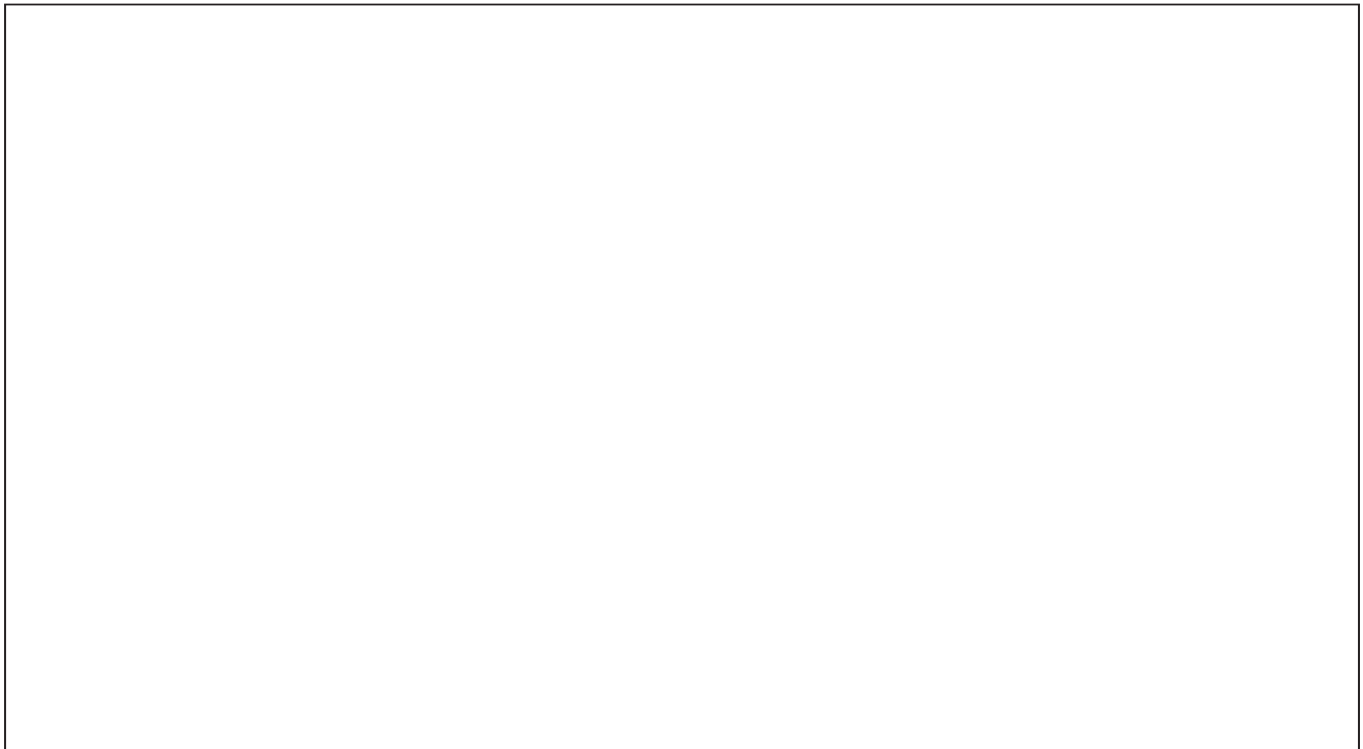
What are you still wondering about weather or climate?

Name: _____ Date: _____

Daily Written Reflection

Meteorologists predict the weather for the next few days. How do you think they do this?

Make a drawing if it helps you explain your thinking. Label your drawing, then take a photo of your drawing and attach it below.



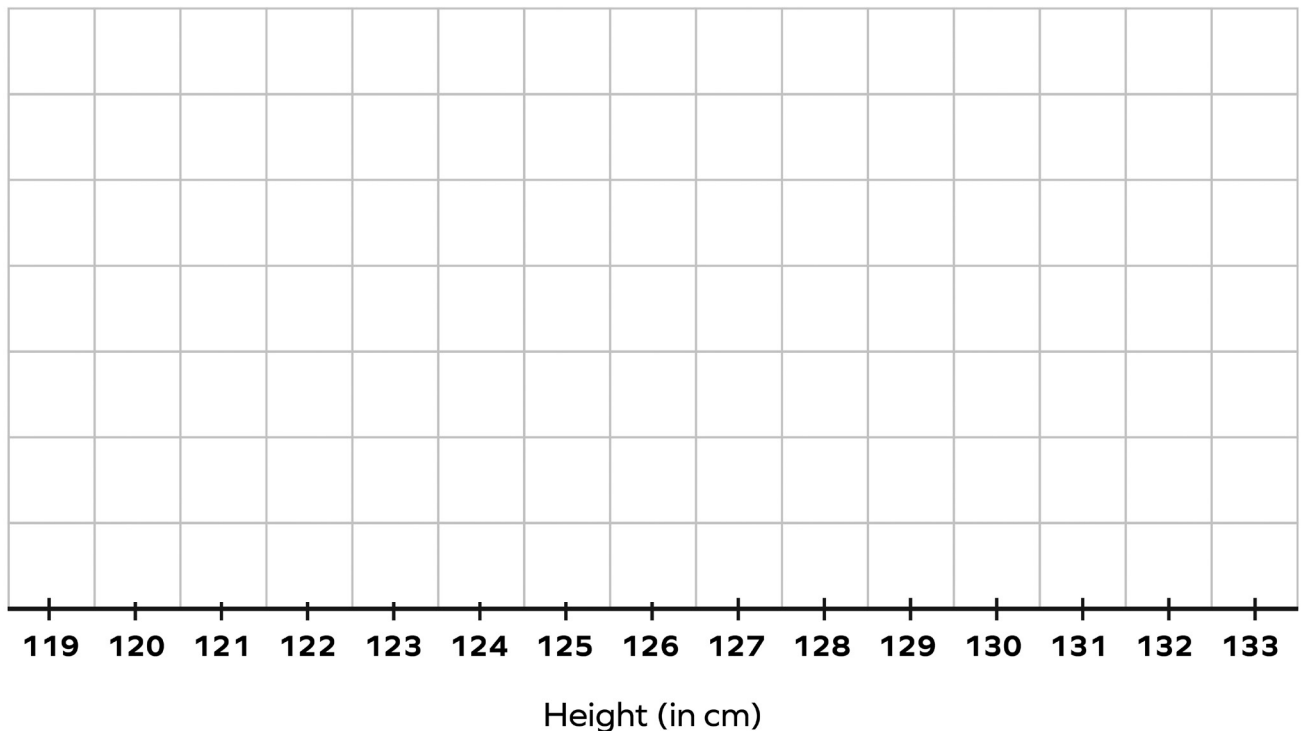
Graphing Orangutan Heights

Directions:

1. Create two line plots. Use the data from the board.
 - Copy the Female Orangutan Heights line plot. For each female orangutan, write an "X" in the box above its height in centimeters.
 - Copy the Male Orangutan Heights line plot. For each male orangutan, write an "X" in the box above its height in centimeters.
2. When your graphs are complete, answer the question.

Question: What do you notice when you compare the height of female orangutans to the height of male orangutans?

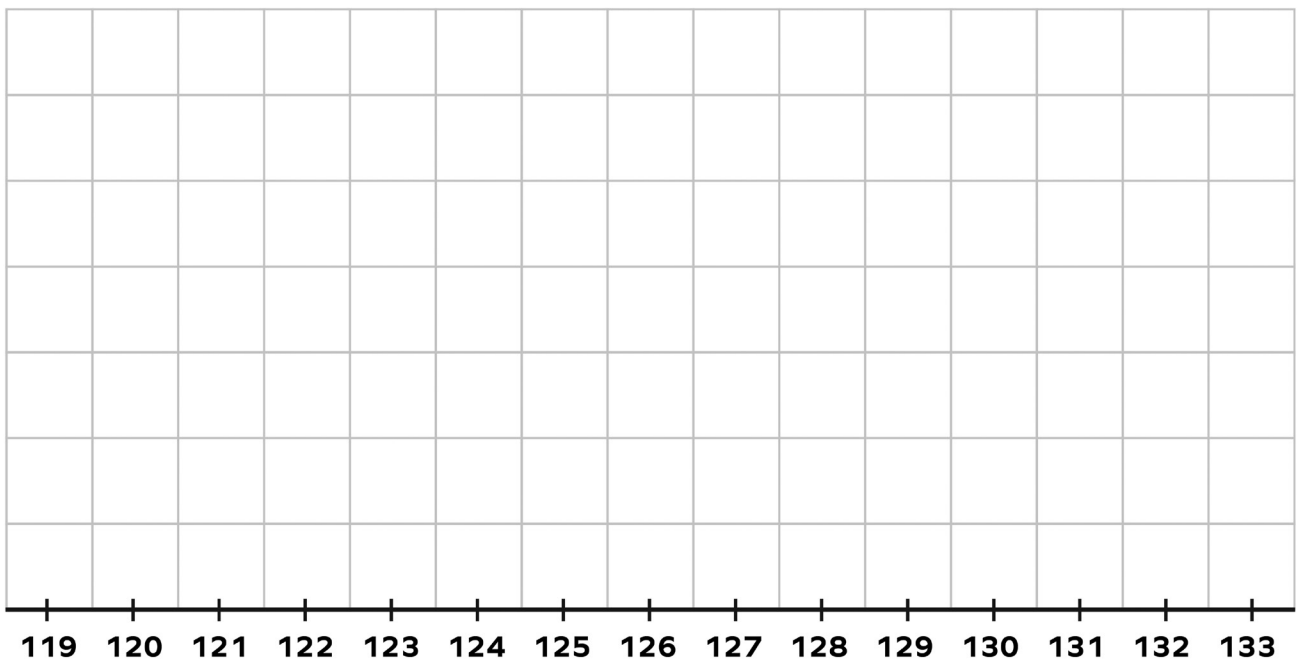
Female Orangutan Heights



Name: _____ Date: _____

Graphing Orangutan Heights (continued)

Male Orangutan Heights



Height (in cm)