



Science Learning Packet

Grade 2, Week 5:

Changing Landforms

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 6 and
Chapter 3, Lesson 1

Grade 2

AmplifyScience

Changing Landforms:

The Disappearing Cliff

Question 1: Based on your discussion with your partner, how do landforms change shape?

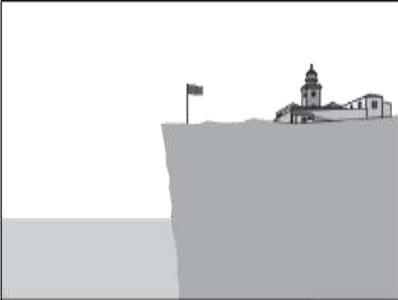
Question 2: Based on your discussion with your partner, how did the recreation center's cliff change?

Diagramming How the Cliff Changed 2

Directions:

1. Look at the first picture in the diagram below and read its caption.
2. Describe what you might draw in the second picture of the diagram that would explain how the cliff could have changed. Create a caption that explains what happened over time.
3. Look at the third picture in the diagram and read its caption.

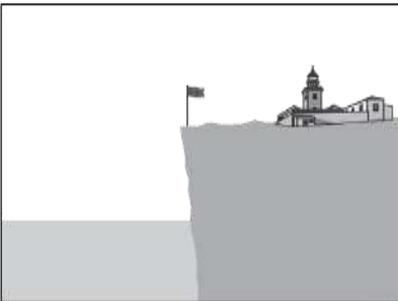
A long time ago.



Caption:

The flagpole on the cliff was not very close to the edge of the cliff.

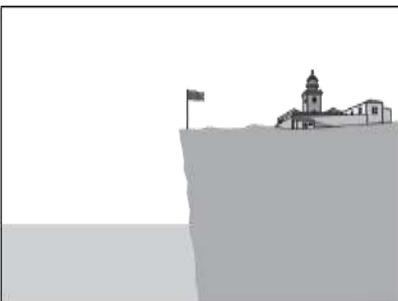
Over time...



What I would draw in:

My Caption:

Now...



Caption:

Now the flagpole is closer to the edge of the cliff than it was a long time ago. This is because the cliff changed shape.

Scientific Explanation Question: How did the recreation center's cliff change? Use evidence and scientific language to answer.

The recreation center's cliff changed because:

Question 1: What do you know about maps? How could maps help us understand what happened to the cliff?

Question 2: Describe what you might see if you were a bird flying over the mountains and looking down from above.

Question 3: What's similar about what you visualized and what you see in the picture on the slide? What is different?

Question 4: After looking at other maps in *The Handbook of Land and Water*, how are these maps similar to the map we discussed together? How are these maps different?