

Name: _____ Date: _____

Weathering and Erosion Skittle Lab

Question: How can you show weathering and erosion with a skittle?

Hypothesis:

In this experiment, I think the skittle will show weathering and erosion by

_____.

Materials:

- colored pencils or crayons
- graduated cylinder with 50-100 mL of water
- pipette (water dropper)
- skittles (1 per student is sufficient)
- container

Procedure:

1. Use the pipette (water dropper) to squeeze 10 drops of water onto your skittle from a distance of roughly 6 inches.
2. Record your results in visual format. (draw what it looks like in the box below using colored pencils or crayons)
3. Record your results in written format (describe what is happening).
4. Repeat steps 2 and 3 after 20, 30, 40, and 50 drops.

Picture of my skittle **before** I

began the experiment:



Picture of my skittle **after** I

completed the experiment:



Data:

10	20	30	40	50

When did erosion take place during this lab activity?

What did the water represent in this lab activity?

What did the Skittle represent in this lab activity?

What did the color on the Skittle represent in this lab activity?

What would happen if I added more skittles?

Conclusion:

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