

Name: _____ Date: _____

Glaciers, Water and Wind, Oh My! Activity – Erosion Worksheet



Instructions

Answer the following questions as you experiment with each different erosion stations.

Station 1: Chemical Erosion Station

1. What happened when you dropped vinegar/lemon juice on the rocks (which rocks bubbled)?

2. Why did some rocks bubble when you added the acid?

3. What other materials do you think are affected by chemical erosion?

Station 2: Water Erosion Station

1. What caused the clay/dirt to run off the mountain?

2. Are the coins sticking out more or less? Why?

3. What does the bottom of the mountain look like?

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4. What are some other examples of water erosion?

Station 3: Wind Erosion Station

1. What happened to the sand as the fan blew on it?

2. Could you make the whole pile of sand move if the fan blew long enough?

3. How could you keep a sand dune from moving?

4. What are some other examples of wind erosion in nature?

Station 4: Glacier Erosion Station

1. What happened to the clay the first time you wiped the ice cube against it?

2. What happened to the bottom of the ice cube after it sat on the sand?

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3. What did the surface of the clay look like after you rubbed the ice cube against it the second time?

4. What are some other examples of Glacier erosion?

Station 5: Temperature Erosion Station

1. What happened to the marble?

2. What do you think caused the marble to crack?

3. Name another example of temperature erosion.
