

Name:

Date:

Class:

# 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)?

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

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

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### **Station 2: Water Erosion Station**

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

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

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

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Name:

Date:

Class:

4. What are some other examples of water erosion?

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**Station 3: Wind Erosion Station**

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

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

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

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

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**Station 4: Glacier Erosion Station**

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

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

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Name:

Date:

Class:

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

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4. What are some other examples of Glacier erosion?

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**Station 5: Temperature Erosion Station**

1. What happened to the marble?

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

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3. Name another example of temperature erosion.

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