



**Day 5**  
**WORKSHEET NO. 4.2**  
**Simulating Weathering and Erosion**



NAME: \_\_\_\_\_  
 SECTION: \_\_\_\_\_

DATE: \_\_\_\_\_  
 REMARKS: \_\_\_\_\_



**I. Intended Learning Outcomes**

- a. Determine how the process weathering and erosion works;
- b. Examine the effects of weathering and erosion through an experiment; and,
- c. Find the relevance of weathering and erosion to nature and the environment around us.



**II. Instructions:**

**What do you need?**

Hammer  
 Rock Samples  
 Water Pitcher

**What to do?**

1. Collect rock samples at your home.
2. Use a hammer to pound these rocks.
3. Pile the sediments into small mounds. Draw in the **Before** column below the small mounds you created.
4. Using the pitcher, gradually pour water into the piled sediments. Observe what happens to your mounds. Draw the result of the activity in the **After** column.

Before	After

**What have you found out?**

1. In which part of the experiment was weathering? How about erosion?

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2. If the process of pounding and breaking continues, what do you think is the result or outcome?

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**Conclusion:**

In nature, what serves as the "hammer"? "the pitcher with water"? Enumerate other possible agents of weathering and erosion.

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