

# Weathering + Erosion Virtual LAB

The Nature of Science (Pg. 155)

Name \_\_\_\_\_

How are materials from the earth broken down?

**Question 1 :Which scenes that you observed show examples of mechanical weathering? Why?**

**Question 2 :Which scenes that you observed show examples of chemical weathering? Why?**

**Question 3 :What do you think would be the weathering effects of moving a rock sculpture from a dry climate to a wet climate?**

**Question 4 :What effect do small burrowing animals and earthworms have on the rocks and soil in the ground?**

**Question 5 :In terms of weathering, explain what will happen to a set of metal tools left outdoors in the rain for a long time?**

**Question 6 :Is it possible for any of the earth materials scenes to be affected by both mechanical and chemical weathering? If so, describe the scene and situations.**

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Scene Number	Before Weathering	Weathering Effect	After Weathering