

Weathering and Erosion WebQuest:

Name: _____

1. Go to this website: <http://mripierceonline.com/erosion-and-weathering-webquest/>
2. The first activity is called Shape it Up. Play it until you have a chance to work with all four types of force: wind, water, volcano and glacier.
 - a. How does wind change the land?
 - b. How does water change the land?
 - c. How does a volcano change the land?
 - d. How does a glacier change the land?
 - e. What do wind, water and glaciers have in common?
3. The next lab is called Virtual Lab – Glaciers. Play it. List two new vocabulary words that you have never heard before and the land features they describe:
 - a. _____ = _____
 - b. _____ = _____
4. Next, Virtual Lab – How Land Changes. This lab shows how mechanical and chemical weathering change the land. Use the info from this lab to define those terms:
 - a. Mechanical weathering: _____
 - b. Chemical weathering: _____
5. The #4 activity is a link called Erosion. Go to this website and define mass wasting:
 - a. Mass Wasting is: _____
6. The #5 activity is a link called Weathering. Go to this website. It describes mechanical and chemical weathering, which you've heard of by now. It also describes another kind of weathering. What is it? _____. How does that work?

Do you still have time in class? ☺ then click on the Virtual Cave link at #6. Caves are amazing holes in the ground, often going for miles and miles underground! There are four types of caves in this site: Which 3 are caused by erosion?

_____, _____, and _____ are caused by erosion.

The last one is caused by _____.

7. If you STILL have time, check out the Forces of Nature link. This sends you to the National Geographic website, where you can learn about and experiment with virtual versions of tornados, volcanoes, hurricanes and earthquakes. Do any of those forces both destructive and constructive? Which one(s)? _____