

Weathering and Erosion Webquest

Natural forces change the earth two different ways:

Destructive [think about the word – to destroy or tear down]

- (soil and rock is taken away) – think wind, rain, rivers, glaciers

and **Constructive** [think about the word – to construct or to build]

- (soil and rock is added) – think rivers dumping sediment, earthquakes moving land, volcanoes creating new land with lava



Keep this in mind as you visit the weathering and erosion webquest sites below

Weathering and Erosion Webquest

1. **Shape it up** – visit this site, play the game, then list the different forms of erosion you observe in the game. Keep pressing the button – there are at least 5 different ones you need to list.
2. **Virtual lab – how land changes** Click on each of the 4 scenes and list the ways land and things on the land are changed over time.
3. **Erosion** – Read the information. What is erosion? Erosion is _____.
4. **Weathering** – List three examples of mechanical weathering?
5. **Forces of Nature – destructive or constructive?** Remember, natural forces change the earth two different ways: **Destructive** [destroy] and **Constructive** [construct]



Forces of Nature

Choose Type of Disaster



Click button to make your own Disaster!

For the natural disasters below, which are constructive, destructive, or both:

Tornado: _____

Volcano: _____

Hurricane: _____

Earthquake: _____

6. **Virtual Cave** – explore caves and answer these questions:

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. [Virtual lab – glaciers](#) What are some different ways glaciers shape the land?