Weathering and Erosion Notes

KEY VOCABULARY

* **WEATHERING** = the process of *breaking* rock into smaller pieces

* **CHEMICAL WEATHERING** = the process of rocks changing when the substances of minerals actually change

* **EROSION** = the process of *carrying away* rocks and minerals

* **DEPOSITION** = the process of laying down, or *dropping*, rocks and minerals when water, ice, or wind slows down

So what’s the BIG difference between weathering and erosion?

Erosion results in **MOVEMENT**!!

**What might cause WEATHERING?**

1. **WIND**

2. **WATER**

3. **ICE**

4. **CHEMICALS**
What might cause EROSION?

1. running **WATER** (rivers, oceans, etc.)

2. glaciers, **MUDSLIDES**, and **AVALANCHES**

3. **WIND**

**GRAVITY** is a key factor in erosion!

* Due to the process of erosion, a feature on the surface of the Earth can be formed. We call these features **LANDFORMS**.

Examples of Landforms

1. **CANYONS**

2. **MOUNTAINS**

3. **ISLANDS**

4. plateaus and plains