**Notes- weathering & erosion**

Weathering

1. Mechanical Weathering

Mechanical Weathering Examples

1. Chemical Weathering

Chemical Weathering Examples

Erosion

* The process in which \_\_\_\_\_\_\_\_\_\_\_\_ on the surface of a planet are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ down into smaller particles.
* There are 2 types of weathering:
* The process in which rocks are broken apart \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* The rocks remain the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, they only change \_\_\_\_\_\_\_\_\_\_\_\_.
* Rocks falling and ­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ other rocks.
* Water \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_rocks together.
* Roots growing in the cracks of a rock causing it to \_\_\_\_\_\_\_\_\_\_.
* Ice \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ –Ice forms in a crack in a rock night after night causing it to split.
* The process of breaking apart material by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_means.
* The rock is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or eaten away.
* \_\_\_\_\_\_\_ \_\_\_\_\_\_\_ eating away at a rock.
* Rock \_\_\_\_\_\_\_\_\_ – the iron in a rock reacting to the oxygen in the atmosphere.
* The process of **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** ground material from one place to another.
* There are 4 main causes of erosion:

Rust

* Wind picks up small particles and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ them to new locations
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ – Wind picks up small particles and smashes them into other objects.
* \_\_\_\_\_\_\_\_\_\_ – The placement of small particles against a barrier.
* The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of particles caused by water.
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Erosion – Particles carried by a stream that smash into each other.
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Erosion – Water carves a path into the ground.
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Erosion – A thin sheet of water slowly moves surface material.
* Gravity \_\_\_\_\_\_\_\_\_\_ rocks and soil downward.
* \_\_\_\_\_\_slide
* \_\_\_\_\_\_\_\_slide
* \_\_\_\_\_\_\_\_\_\_ – The movement of soil downward in \_\_\_\_\_\_\_\_\_\_.
* \_\_\_\_\_\_\_\_\_\_ – The \_\_\_\_\_\_\_\_ movement of soil downhill.

The slow movement of glaciers that \_\_\_\_\_\_\_\_\_\_\_\_ up surface material and move it \_\_\_\_\_\_\_\_\_\_\_\_ hill

* Plucking – The picking up and moving of \_\_\_\_\_\_\_\_\_ particles by ice.
* \_\_\_-Shaped valleys – Glaciers carve out \_\_\_\_\_\_\_\_\_\_ U-shaped valleys.
* The \_\_\_\_\_\_\_\_\_\_\_ placing of material that has been \_\_\_\_\_\_\_\_\_\_\_\_ by erosional forces.
1. Wind

Wind Erosion Examples

1. Water

Water Erosion Examples

1. Gravity

Gravity Erosion Examples

1. Ice

Ice Erosion Examples

Deposition