

Notes- weathering & erosion

Weathering

1. Mechanical Weathering

Mechanical Weathering Examples

2. 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:

<p>1. Wind</p> <p>Wind Erosion Examples</p>	<ul style="list-style-type: none"> ⊙ 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.
<p>2. Water</p> <p>Water Erosion Examples</p>	<ul style="list-style-type: none"> ⊙ 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.
<p>3. Gravity</p> <p>Gravity Erosion Examples</p>	<ul style="list-style-type: none"> ⊙ Gravity _____ rocks and soil downward. ⊙ _____ slide ⊙ _____ slide ⊙ _____ – The movement of soil downward in _____. ⊙ _____ – The _____ movement of soil downhill.
<p>4. Ice</p> <p>Ice Erosion Examples</p> <p>Deposition</p>	<p>The slow movement of glaciers that _____ up surface material and move it _____ hill</p> <ul style="list-style-type: none"> ⊙ 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.