**Unit I: The World in Spatial Terms**

**The Changing Planet**

**Circle the terms you are not familiar with:**

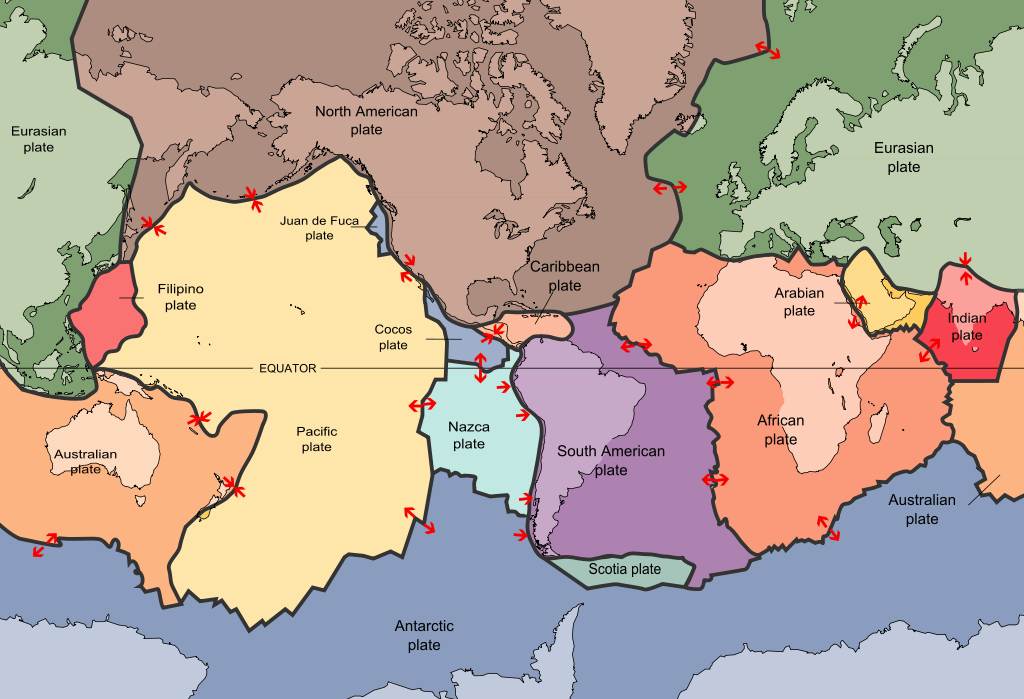
* Plate Tectonics
* Subduction
* Earthquake
* Magma
* Lava
* Volcanism
* Erosion
* Weathering
* Mechanical Weathering
* Chemical Weathering
* Acid Rain

**Our Ever Changing World**

The Earth's surface changes constantly.

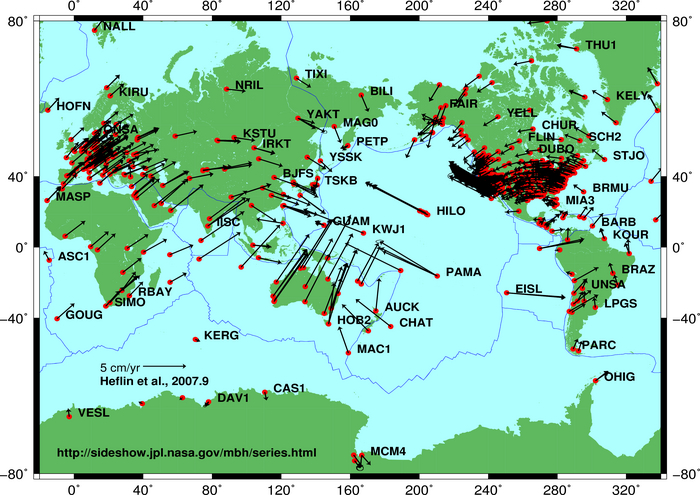
* Coastlines shift.
* Islands rise from the sea.
* Mountains grow to towering heights or shrink to rolling hills.

Many of the changes aren't noticeable in a lifetime, but in geological time - *which is measured in millions of years* - the transformations are dramatic.

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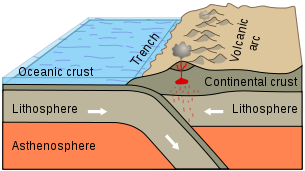
**Plate Tectonics**

Plates:

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What causes plates to move?

Plate Tectonics:



Subduction

What are some examples of subduction?

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| **Natural Disasters** | |
| **Earthquakes** | **Volcanoes** |

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| --- | --- |
| **Weathering & Erosion** | |
| **Weathering**  Mech Weathering | Wind Erosion**Erosion** |

|  |  |
| --- | --- |
| **Types of Weathering** | |
| **Mechanical Weathering** | **Chemical Weathering** |

|  |  |  |
| --- | --- | --- |
| **Types of Erosion** | | |
| **Water Erosion** | **Wind Erosion** | **Glaciation** |