**Notes- Dating**

Absolute Dating

Relative Dating

Law of Superposition

Index Fossils

**Absolute Dating** – The \_\_\_\_\_\_\_\_\_\_\_\_ age of an object.

* Found by determining the amount of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ material in the object.

**Relative Dating** - The age of an object \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to another object or event.

* Layers of rock show the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ age of each \_\_\_\_\_\_\_\_\_\_\_\_.

🡪 In undisturbed layers of rock, the **\_\_\_\_\_\_\_\_\_\_\_\_ layer is the \_\_\_\_\_\_\_\_\_\_\_\_** and the age of the **rock layers gets \_\_\_\_\_\_\_\_\_\_\_\_\_ as you move \_\_\_\_\_\_\_\_\_\_\_\_**.

Often rock layers will get \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ by an \_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_, or by molten \_\_\_\_\_\_\_\_\_\_\_ seeping into it, causing the layers to realign.

* An \_\_\_\_\_\_\_\_\_\_ fossil is a fossil of an organism that lived all across the \_\_\_\_\_\_\_\_\_\_\_\_\_, but only for a \_\_\_\_\_\_\_\_\_\_\_ period of time.
* Index Fossils help scientist determine the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ age of rock layers located in different places.

The fossils \_\_\_\_\_\_\_\_\_\_\_\_\_\_ to the surface are most similar to the animals alive \_\_\_\_\_\_\_\_\_\_.

Rust