Rocks and the Rock Cycle

Three Types of Rocks:

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Rocks are Classified by:

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Igneous Rocks:

* Form when \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cools and hardens
* Classified by:
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ igneous**: cooling takes place **\_\_\_\_\_\_\_\_\_\_\_\_\_\_beneath Earth’s surface**
* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ igneous**: cooling takes place **\_\_\_\_\_\_\_\_ on Earth’s surface**

Sedimentary Rocks:

* Form from the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and/or \_\_\_\_\_\_\_\_\_\_\_\_\_\_ of sediments
* This process is called **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Sediments** are:
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Sediments form through the processes of **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** of rocks exposed at Earth’s surface
* Sedimentary rock can also form from the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of materials that were once dissolved in water
  + - When water evaporates, minerals are left behind and form rock

Metamorphic Rocks:

* Form when \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is changed into a different kind of rock
* Changes due to great \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and/or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Rocks are heated, squeezed, folded, or chemically changed by contact with hot fluids

The Rock Cycle:

* The **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** is an ongoing series of processes inside Earth and on the surface
* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** changes rocks from one kind to another
* Any type of rock can change into another type