Intro to Rocks Guide

A **rock** is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. (example: granite is made of 3-4 minerals)

***Geologists*** (scientists who study rocks) classify & identify rocks according to their…

**Rocks are classified by**

**1.**

**2.**

**3.**

1. **MINERAL TEXTURE:**
	1. **Grain \_\_\_\_\_\_\_\_\_\_\_\_\_\_**
2. \_\_\_\_\_\_\_\_\_\_\_-grained (can be seen without a microscope)
3. \_\_\_\_\_\_\_\_\_\_\_-grained (microscopic)
4. No grains—glassy because no crystals formed
	1. **Grain \_\_\_\_\_\_\_\_\_\_\_\_**—smooth or jagged
	2. **Grain \_\_\_\_\_\_\_\_\_\_\_\_—**wavy; flat



2. **MINERAL \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (what the rock is made of)**



**3. ORIGIN of rock (where and how did the rock \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?):**

1. Igneous Rock:

>How do they form?



>examples:

1. Sedimentary Rock: (most of the rocks on Earth are sedimentary)

>How do they form?

>List 3 examples of sediment (in green):

>examples of sedimentary rock:

(some sedimentary rock have \_\_\_\_\_\_\_\_\_\_ from extinct animals/plants---paleontology)

1. Metamorphic:

>How do they form?



>examples:

