**ES11 Rock Unit Study Guide**

**Igneous Rocks**

* Two main types, Know how they form, characteristics of
* Composition: Mafic and Felsic, what minerals they contain, what magma they came from, example
* Texture: what effects crystal size, describe different textures, how they would form, give an example: porous, glassy, and porphyritic.

**Sedimentary Rocks**:

* Define sediment, how it forms
* Difference between weathering and erosion
* Name, describe characteristics and formation of three types of sedimentary rocks, give examples.
* How are sedimentary rocks classified?
* Describe different types of grains, give example
* Define clast, sorting
* Examples of rocks in each grain size category.
* Define pore, porous, permeable
* Features that would indicate sedimentary rocks.

**Metamorphic Rocks:**

* Describe two types of metamorphism
* What is foliation, what type of metamorphism produces it, why.
* Describe and give example of Low-grade, High-grade metamorphism, give examples.

**Define Rock Cycle.**