

Name: _____ Period: _____

Rock Classification and Rock Cycle Summative Pre-Write

Rock Classification: How do we classify rocks based on their formation?

Sedimentary Rock Formation

Ingredients needed for rock to form:

Geological processes needed for rock to form:

Explanation for how rock forms:

(Ingredients + Geological Processes = Explanation!)

Metamorphic Rock Formation

Ingredients needed for rock to form:

Geological processes needed for rock to form:

Explanation for how rock forms:

(Ingredients + Geological Processes = Explanation!)

Intrusive Igneous Rock Formation

Ingredients needed for rock to form:

Geological processes needed for rock to form:

Explanation for how rock forms:

(Ingredients + Geological Processes = Explanation!)

Extrusive Igneous Rock Formation

Ingredients needed for rock to form:

Geological processes needed for rock to form:

Explanation for how rock forms:

(Ingredients + Geological Processes = Explanation!)

Rock Cycle: How do rocks change and form through geological processes?

Rock cycle explanation:

Heat and pressure explanation:

Melting explanation:

Cooling/Crystallization explanation:

Weathering and erosion explanation:

Compaction and cementation explanation:

