

Rock Project Rubric

(Due Friday 11/2 before class)

Create a poster or informational brochure that includes the following sections:

Sedimentary Rocks (18 points)

Formation

- Clastic
- Organic
- Chemical

Characteristics

- Clastic
- Organic
- Chemical

3 Examples of Sedimentary Rocks

Igneous Rock (16 points)

A. Formation

- Extrusive
- Intrusive
- Plutonic

B. Characteristics

- Extrusive
- Intrusive
- Plutonic

C. 2 Examples of Igneous Rocks

Metamorphic Rocks (12 points)

A. Formation

- Foliated
- Non-Foliated

B. Characteristics

- Foliated
- Non-foliated

C. 2 Examples of metamorphic rocks

Role of Convection Currents in Earth's Mantle (8 points)

Model/Diagram of Rock Formation using the following labels (40 points)

Sedimentary

Clastic
Weathering
Erosion
Organic
Sediment
Cementation
Compaction
Chemical
Deposition
Sedimentation
Lithification

Metamorphic

Strain
High Pressure
Low Pressure
Heat
Recrystallization
Foliated
Non-foliated

Igneous

Melting
Extrusive
Lava
Vesicles (air bubbles)
Glassy
Intrusive/Plutonic
Cooling
Magma
Lava
Crystallization

Pictures and Neatness (10 points)