**NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Mrs. Weimer**

**Rock Cycle Poster Rubric – Submit this with your project!! Rock Cycle - \_\_\_/ 135points**

**Use the following website:** <http://asset.emsofl.com/ONLINE%20CLASS/EarthSci/_labdata/unit3/ESUnit3.swf>

\_\_\_\_\_\_\_/ 25 pts – Recreate the diagram of the rock cycle. It should be neat, colored and at least

30 cm in diameter. Be sure to put Title above the diagram.

\_\_\_\_\_\_\_/ 20 pts each – For each of the 3 rock types, include a picture. Research pictures, then draw and color

them on the outside of the diagram next to each rock type.

3 **Rock Types and Geologic Processes (how each rock type formed) - 15 points (on lined paper)**

\_\_\_\_\_\_\_/ 20 pts - Sedimentary Rock

Ø Give an explanation for how this rock was formed.

Ø Include at least 2 real rock types that fit under this category.

Ø List 2 characteristics of this rock type.

Ø Explain why fossils can form only in this rock type.

\_\_\_\_\_\_\_/ 20 points - Igneous Rock

Ø Give an explanation for how this rock was formed.

Ø Include at least 2 real rock types that fit under this category.

Ø List 2 characteristics of this rock type.

Ø Explain the difference between extrusive (lava) igneous rock and intrusive igneous rock (magma).

\_\_\_\_\_\_\_/20 pts - Metamorphic Rock

Ø Give an explanation for how this rock was formed.

Ø Include at least 2 real rock types that fit under this category.

Ø List 2 characteristics of this rock type.

Ø Explain the difference between foliated and nonfoliated.

Definitions – 10 points (2 points each for the 5 definitions) (on lined paper)

Words to define are the ones along the arrows in the diagram:

Weathering, Erosion, Deposition, Uplift, Sediments

Presentation – 20 points

\_\_\_\_\_\_\_\_/ 10 pts for Labeling the Diagram Properly.

\_\_\_\_\_\_\_\_/ 5 pts – Neatness – Organized and Easy to Read

\_\_\_\_\_\_\_\_/ 5 pts – Fully Colored