**Rock Cycle Necklace**

**OBJECTIVE:**

Create a rock cycle necklace out of clay.

**TERMS TO GO OVER:**

Rock cycle

Sedimentary

Metamorphic

Igneous

**LAB MATERIALS:**

* Clay
* Knife/razor
* Skewer
* String

**GROUP LEADER/VOLUNTEER/TLC ROLE**

Help for the beads and cutting the pendants

**LAB PROCEDURE**

1. Take 3 or 4 different colored clays and flatten them out individually. Then place them on top of one another and push them down evenly. Cut the sections into 3 equal sections.
2. Sedimentary: with one section, cut the clay block into small squares – about 1x1cm. Then push onto the skewer and round off the edges. Let dry.
3. Metamorphic: with another section, twist the clay so then it slightly mixes – similar to marble – but not enough to combine the colors. Then cut into 1x1cm squares, skewer, and let dry.
4. Igneous: with the last section, twist and mix the clay so much that the colors combine to make one uniform color. Then cut into 1x1 cm squares, skewer, and let dry.
5. Pendant: will need a light colored clay (white). Form into a ball and then cut into 2 even pieces. In each piece, place a paperclip so then it is parallel with the flat face of the half-ball. Set aside and let dry. Then, paint the curved part blue and green – this will be the surface of the Earth. Next, paint a thin layer along the edge of the flat face – this will be the crust. Paint the other layers of the Earth different colors and let dry.
6. Once all the clay is dry, take the clay off the skewer and thread a string through the holes and tie off once all the beads and pendant are on.