MAKE A MAP

**Materials**
- Paper Plate
- 2 Mixing bowls
- Pack of graham crackers
- Container of vanilla frosting
- Blue food coloring
- Green food coloring
- Plastic fork or knife
- Pack of chocolate chips
- Sheets of paper
- Pack of colored pencils

**Procedure**
- Mix half of the frosting with the blue food coloring and half with the green food coloring.
- Spread green food coloring on one side of several graham crackers and lay them on one side of the paper plate to represent land.
- Cover the other side of the paper plate with blue frosting to represent the ocean.
- Add mountains to the land using chocolate chips.
- Draw a map of the plate using the colored pencils and paper. Start by making a key, then draw the shapes of the land and water and color them.

**Results**
You created a model landscape and made a map of it.

**Why?**
Geologists use and make maps to study the Earth and its natural features. Maps can use colors, shapes, and symbols to represent an area. Different types of maps are used for different purposes and represent different features. The map you created is called a physical map. A physical map shows the physical features of an area such as rivers or mountains.

To learn more about Earth Science, check out the Pink Palace Museum’s *Rocks and Minerals* laboratory program.