

**Make Earth Pops**

We will learn about the Earth by making an edible model to represent the four layers of the Earth: the crust on the outside, the mantel and the core-split between the outer and inner core. Watch the Family Friday video June 5 for instructions.

**Materials**

1 red jelly belly (cinnamon would be a good flavor)

 This will be the inner and outer core

1 BIG marshmallow for the Mantel.

 The Mantel is 84% of the Earth’s volume, so don’t use little marshmallows

4 crushed Oreo cookies (just the cookie part)

1 popsicle stick

**Vocabulary words:**

Geology: Geology is the study of rocks and other non-living things that make up the planet Earth

 Rock Families: Geologist classify rocks into three basic groups based on how they were formed in nature.

 The types of rocks are **igneous, sedimentary and metamorphic.**

Earth Crust: The Earth's crust is the outermost layer of our planet; it's a thin shell that surrounds the entire Earth and is the part we live on

Mantle: The *Earth’s mantle* lies between the crust and the outer core of our planet. The mantle is mostly solid rock but parts are hotter and more fluid.

Outer Core: The **outer core** is the **outer** layer of the **core** that is made of liquid iron and nickel. Since it is a liquid, the **outer core** can spin, and it does.

Inner Core: The inner core is the deepest and hottest layer of our planet. It is solid rock made up of iron and nickel