

## LAYERS OF THE EARTH PUDDING RECIPE

Did you know that there are four distinct layers of Earth? The inner core is in the very center of Earth and is the hottest layer. The outer core is the only liquid layer, and is made out of iron, sulfur and oxygen. The mantle is the thickest layer, and is part of what erupts from a volcano. The crust has two parts: oceanic and land. Make your own edible layers of the Earth!

## **SUPPLIES**

### Yields 8 servings

- 5 cups milk
- 1 5.1-oz. box instant vanilla pudding mix
- 3 small mixing bowls
- Red, green and yellow food coloring
- 1 3.9-oz. box instant chocolate pudding mix
- 1 large zip-top bags
- 1 cup shredded coconut
- Rolling pin
- 10 Oreos
- 8 5-oz. Clear plastic cups or glass jars
- 1 cup mini marshmallows

## **ACTIVITY** (CONTINUED ON OTHER SIDE)

- 1. Make vanilla pudding according to the directions on the box. Divide pudding into three small mixing bowls.
- 2. Color your pudding:
  - Add 5-10 drops of red food coloring to the first bowl. Mix well.
  - Add 7 drops of yellow and 3 drops of red food coloring to the second bowl. Mix well.
  - Add 4 drops of yellow food coloring to the third bowl. Mix well.





# LAYERS OF THE EARTH PUDDING RECIPE

### **ACTIVITY**

- 3. Make chocolate pudding in a separate bowl using the directions on the box.
- 4. Chill pudding for one hour. During this time, prepare the coconut and Oreo toppings.
- 5. Put the coconut in a zip-top bag and add five drops of green food coloring. Zip the bag and shake until the coconut is green.
- 6. Put Oreos in a zip-top bag. Zip the bag and crush with a rolling pin.
- 7. Once the pudding is done chilling, build Earth's layers following the steps below:
  - Inner Core: 6 mini marshmallows
  - Inner Core: 1 Tbsp. yellow vanilla pudding
  - Outer Core: 1 Tbsp. orange vanilla pudding
  - Inner Mantle: 1 Tbsp. red vanilla pudding
  - Outer Mantle: 1 Tbsp. chocolate pudding
  - Crust: 1 Tbsp. crushed Oreos
  - Grass: 1 Tbsp. green coconut

#### **SHARE YOUR CREATIONS WITH US!**

#AZScienceCenter #GirlsInSTEM







@azsciencecenter

