

Model Volcanoes

Day 1

Materials for Model Volcano:

Empty 12 oz. Water Bottle
Construction Paper
Play-Doh
Tape
Markers
Paper Plates

Directions: Given the materials listed above, create your own model of a volcano on your paper plate. Make it as realistic as possible. The **bottle** needs to be in the **center of the volcano** and you **must not cover the opening of the bottle**.

DAY 2

Materials for Volcano Eruption:

1/3 Cup Vinegar
1/3 Cup Liquid Dish Soap
2/3 Cup Water
1-2 Drops of Red Dye
2 Tablespoons Baking Soda

- 1.) Add vinegar, liquid soap, 1/3 cup water, and red dye to the bottle.
- 2.) Add the remaining water to your cup of baking soda and stir.
- 3.) **When instructed**, with your **safety goggles on**, pour the baking soda sludge into the bottle and step back to watch the eruption.