

# Volcano Experiment

Explore Earth's hot core with this outdoor science experiment!

## Materials Needed

Glass jar (or plastic cup), 5 tablespoons baking soda, 2 teaspoons dish soap, 1 ½ cups water, red food coloring or tempera paint, 1 cup vinegar. You will also need an outdoor area with soil, gravel, or sand.

## Instructions:

Step 1: Choose an area outside. Pile soil, gravel, or sand up to make a mound. This will be your volcano.

Step 2: In your jar or cup, mix 1 ½ cups water, 5 tablespoons baking soda, 2 teaspoons dish soap, and a few drops of red paint or food coloring.

Step 3: Make a small hole at the top of your volcano. Place the jar or cup inside with the top open.

[Image: Preschool Inspirations.](#)

Step 4: Pour 1 cup of vinegar into the jar and



