



# ACTIVITY PLAN



**Grades: 3, 4, 5**

**Subject: Earth Science**

**Topic: Geology/Natural Disasters**

**Lesson: Volcano Eruption**

## Objectives:

- Explain what volcanos are
- Describe what happens when baking soda and vinegar are mixed

## Materials:

- 2 plastic cups
- 1 tsp of baking soda
- Playdough or Plaster of Paris to decorate the volcano
- 1/4 cup of vinegar
- 1 tsp of liquid dish soap
- Water
- Food Coloring (optional)

## Instructions:

1. Shape the Playdough/Plaster of Paris around a plastic cup to make the volcano and decorate
2. Mix the vinegar, dish soap, a few drops of water, and food coloring in the unused plastic cup
3. Add the baking soda to the cup in the crater of the volcano
4. Quickly pour the vinegar mixture into the crater and observe the reaction that takes place



## Notes:

**We'd suggest conducting this activity outside or on a baking sheet for easy cleanup and limited mess**