



BAKING SODA VOLCANO SUPPLY LIST

You'll Need:

- Vinegar
- Baking soda
- Small container, plastic bottle, or cup
- Tray, baking pan, or shallow dish
- Red food coloring (or any primary colors)
- Dish soap (optional, for frothy lava)
- Construction paper, manila envelope, paper towels, or newspaper
- Spoon, funnel, measuring cup and/or squeeze bottle
- Optional extras: sand, water, cooking oil, or colored pencils for decorating



BAKING SODA VOLCANO DO THE EXPERIMENT

Follow the instructions below:

1. **Build your volcano** – Place your container on a tray or baking pan to catch the lava. Use paper towels or crumpled newspaper around it for structure, then cover with construction paper or manila envelope to make a cone or shield volcano shape.
2. **Decorate your volcano (optional)** – Use colored pencils or markers to add lava lines, volcano markings, or other designs.
3. **Combine the baking soda and dish soap** – Mix 1-2 TBS of baking soda with approximately 1 tsp of dish soap. Stir. Add just enough water to mix it a littler more if you'd like.
4. **Add the baking soda/dish soap mixture** – Fill the bottle with mixture.
5. **Add color (optional)** – Drop in a bit of red food coloring or other primary colors to 1/4-1/2 cup of vinegar.
6. **Put on your safety goggles** – if you haven't already.
7. **Pour in the vinegar** – Slowly pour vinegar onto the baking soda. Step back and watch your volcano erupt! The fizz is caused by a chemical reaction.
8. **Observe and experiment** – Try different amounts of vinegar or baking soda, leave out the dish soap, pour slowly or quickly, or make a small hole in the side for a new lava flow.
9. **Record the results** – Write down what happens with each experiment. Which combination did you enjoy the most?