

Baking Soda Volcano



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Material

- 6 cups flour
- 2 cups salt
- 4 tablespoons cooking oil
- 2 cups warm water
- plastic soda bottle
- dishwashing detergent
- food coloring
- vinegar
- baking dish or another pan
- 2 T baking soda

Directions

1. Mix flour, salt, cooking oil, and water to create a dough-like mixture. It should be smooth and firm, add more water if needed.
2. Stand the empty soda bottle in the baking pan and mold the dough into a volcano shape.
3. Fill the bottle most of the way with warm water and a bit of red food coloring.
4. Add 6 drops of detergent to the bottle contents. The detergent helps trap the bubbles produced by the chemical reaction, so you get better lava.
5. Add baking soda to the liquid.
6. Slowly pour vinegar into the bottle, and then watch out – it's eruption time!

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