



VOLCANO MODEL

 1-2 hours + drying time + questions and journal time

 Find a safe and appropriate place to experiment and follow all safety instructions from LearnLibre.com.



Materials

- 3 cups flour
- 1 ½ cups salt
- 1 ½ cups water
- Large mixing bowl
- 1 tsp baking soda
- ¼ cup vinegar
- 3-5 drops liquid dish soap
- 3-5 drops red food coloring
- Tray
- Paint – black, red, and orange (optional)
- Paint brushes (optional)

Procedure

1. Mix flour, salt, and water in a large bowl until it turns into dough.
2. Put the dough onto the tray.
3. Mold the dough into a cone.
4. Create a hole in the center of the cone.
5. Let the cone dry overnight.
6. Optional: paint the cone to look like a volcano.
7. Pour baking soda, liquid dish soap, and red food coloring into the center of the volcano.
8. Mix them together.
9. Pour the vinegar into the center of the volcano.

Learn More

Scan the QR code to learn more about how this experiment works. You'll find lesson video(s) along with discussion questions and answers.



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