



Homemade Volcano Experiment

Now that you know how volcanos erupt, get outside and have fun making your own volcano! It'll give you a good idea of what an eruption and lava flow might look like in real time.

Materials needed:

- A small plastic cup
- Water
- Baking Soda
- Dish Soap
- Vinegar
- Optional: washable paint or food coloring for the lava
- Dirt or a rocky area outside, or a place inside that can be cleaned easily – **mess alert!**



What to do:

1. Take your cup and fill it 2/3 full of water.
2. Add 3 to 4 tablespoons of baking soda.
3. Add 1 teaspoon of dish soap.
4. Optional: Add a few ounces of washable paint or food coloring.
5. Place your cup on the ground outside and build a mound of dirt or gravel around it to create your volcano!
6. Stir your cup to make sure all the ingredients are mixed well.
7. Step back and begin pouring 8 ounces of vinegar into the cup.
8. Enjoy watching your volcano erupt and send lava spewing out the top! Add vinegar up to three more times for additional eruptions.



Share your homemade volcano! Post a picture or video on social media and tag the museum.

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