

Preschool STEM

SCIENCE

Volcanos!

Activities and Conversation Starters

- 1 Fill small plastic cup 2/3 full with water (we're adding math!). Place cup in bowl or on cookie tray to catch the eruption.
- 2 Add 2 tablespoons of baking soda.
- 3 Do you want your volcano to erupt with more foam? Add 1 teaspoon of dish soap.
- 4 Do you want colored lava? Add a small squirt of washable paint.
- 5 Stir.
- 6 Pour in vinegar and watch the reaction. What do you observe (see, hear, smell)?
- 7 Optional: build a volcano with Legos or Duplos!

what's happening?

You're watching a chemical reaction! When an acid (the vinegar) and a base (the baking soda) mix they form a gas called carbon dioxide.



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