

# Homemade Volcano



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## WHAT MAKES IT MEANINGFUL

Thinking about science while doing crafts can help with your creative and critical thinking skills. It can help develop problem solving skills and innovative ways to approach problems. By engaging both side of your brain it will help you approach your life and use both skill sets.

This is a very fun craft that combines science with fun. With this mini volcano you can learn about the reaction and what is happening to make the volcano explode. It works on getting your brain thinking about science.

## TIME

This activity would take 15-20 minutes

## MATERIALS

Include any necessary or suggested materials needed for the activity.

- Baking soda (\$)
- Small cup (\$4.00)
- Water (Free)
- Food coloring (\$12.00)
- Vinegar (\$)
- Dish soap
- Spoon
- A tray

## INSTRUCTIONS

1. Add  $\frac{1}{4}$  of baking soda into a bowl.
2. Add food coloring and a splash of water
3. Add a few spoonfuls of the mixture into a small cup.
4. Add a few drops of dish soap on top.
5. Mix half vinegar and half water into another container.



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6. Add the vinegar mixture into the small cup of baking soda and food coloring.

## RESOURCES

<https://www.thebestideasforkids.com/baking-soda-volcano/>

## SUPPORTS NEEDED

Pouring the correct amount of the vinegar mixture would be a key point to make.

## OTHER THINGS TO NOTE

The tray is used to reduce the mess but you could also do this experiment outside or be ready to clean the mess up.