



EXPLODING VOLCANO

Use the power of measurement and science to create an exploding volcano at home.

Exploding Volcano

Suggested Materials:

- Plastic cup, glass jar, plastic pop bottle, etc.
- Baking Soda
- Vinegar
- Dish Soap
- Measuring spoons and cups
- Optional: baking sheet, food colouring, tinfoil, other decorating supplies



Directions:

1. First, ask an adult at home for permission to create an exploding volcano. It is messy, so please do this outside, on a baking sheet or over a sink.
2. In your container, mix 1 cup of water, 4 tablespoons of baking soda, 1 teaspoon of dish soap, and a few drops of food colouring if you would like your lava to be colourful.
3. If you like, shape the outside of your container to look like a volcano using tinfoil and fold up the sides to catch the lava.
4. Time to make the volcano. Get your container, add tinfoil if you wish, and place it outside, on a baking sheet or over a sink. Make sure to ask an adult at home where to set up your volcano because it is messy. When you are ready, add 1/2 cup vinegar to start the eruption.



Links to eResources:

Check out our [eBooks](#) at hpl.overdrive.com on these topics:

[Science Experiments](#)

For even more science, watch ScienceXplosion videos on [SummaKids](#) at hpl.ca/summa-kids and Science Max on [Kanopy Kids](#) at hpl.ca/kanopy-kids.

You can get a library card at hpl.ca/online-registration.

If you would like to share one or all your creations, please take a picture and post it to social media using the hashtag, #HPLmakesomething.



#HPLmakesomething

hpl.ca/kids

