

Pumpkin Volcano



Source: freebiefindingmom.com

<https://www.freebiefindingmom.com/fun-fall-preschool-project-mini-pumpkin-volcanoes/>

Supplies Needed:

- Small pumpkin
- Knife
- Baking Soda
- Dish Soap
- Food Coloring
- White Vinegar

Pumpkin Volcano Experiment Instructions

1. Cut the top out of the pumpkin and then scoop out the insides.
2. Place the pumpkin on a tray or in a casserole dish.
3. Put a couple tablespoons of baking soda inside the pumpkin.
4. Add a couple squirts of dish soap to the pumpkin.
5. Add a few squirts of food coloring to the pumpkin.
6. Pour white vinegar into the pumpkin. You'll need about $\frac{1}{2}$ a cup.
7. Watch your pumpkin volcano erupt.
8. Wash out your pumpkin and try it again.

*Adjust measurements based on the size of your pumpkin

How it Works

Why does this pumpkin volcano erupt? A chemical reaction is triggered by mixing the baking soda (a base) and vinegar (an acid) together. This reaction produces carbon dioxide (a colorless, odorless gas) which causes the eruption.