

# Hands-on at Home | Lemon Volcano

Follow the instructions below to recreate a lemon volcano at home from start to finish in this fun hands-on experiment!

## SUPPLIES

- 2 Lemons
- 2 Tablespoons | Baking Soda
- Food Coloring
- Dish soap
- Knife & Cutting Board
- Small Bowl
- Craft Stick
- Tray or Baking Sheet

## DIRECTIONS

- Prep the first lemon by slicing off one side of the lemon and a larger opening on the other end. Place the smaller one on the bottom with the larger opening face up. Using the craft stick mash the inside of the lemon around.
- Prep the second lemon by slicing it in half and juicing it into a small bowl.
- Add a few drops of food coloring and a squirt or two of dish soap to your upright lemon.
- Add your baking soda and watch it go!
- To keep your reaction going alternatively add more baking soda, coloring, dish soap and the reserved lemon juice to the reaction. Squeezing the lemon to release the juices also enhances the reaction.

## CLEAN UP

Throw away our your used lemons, and give everything else a quick wash in soapy water. Wipe down any porous surfaces quickly to avoid staining from the food coloring. Clothes and other fabrics may be stained by the food coloring.

## WARNING

Do this experiment with adult supervision only!