



Volcano Experiments

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Lemon Volcanos



Materials:

Lemons

Baking soda

Food coloring

Dish soap

Directions:

Cut the ends off of 2-4 lemons and then cut the remaining lemons in half.

With a knife (plastic is fine), make cuts in the lemon center. This will get some juices flowing. {think acidic}

Drop a few drops of food coloring & one drop of dish soap on each lemon half.

Place a teaspoon of baking soda on top of each lemon half.

Watch what happens!

Apple Volcanos

Materials

- Apples
- Food Coloring
- Vinegar
- Baking Soda
- Tray
- Dish soap

How to make these apple volcanos:

First, cut a hole in the top of the apple and carve out some of the flesh.

Next, put a couple of small drops of dish soap into the hole.

Add a spoonful of baking soda inside the hole of the apple.

Now add a few drops of the food coloring.

Let this sit for 1-2 minutes.

Get ready for some fun! Slowly pour vinegar inside the apples.

What did you observe?



Traditional Volcano Eruptions

Ingredients

- Water – Fill up your container 2/3 full
- 4-5 Tbs of Baking Soda
- 1 tsp Dish Soap
- 5-6 Drops of Food Dye – any color you like
- 8 oz (1 cup) Vinegar

This project can be very messy. I strongly suggest a pan or newspapers. Doing this outside would be a great option as well.

Fill up your container 2/3 full of water

Add to the water – 4-5 tbs Baking Soda, 1 tsp Dish Soap and last 4-5 drops of Food Dye then stir together.

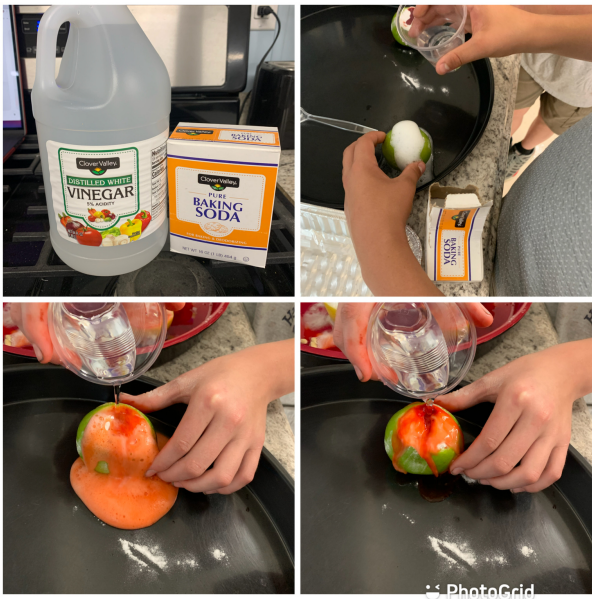
Get ready to see the explosion. Add in the 8oz of Vinegar and step back.

WOW!!





Lemon Volcanos



Apple Volcanos



Traditional Volcanic Eruption!

My Science Experiment Lab Report



Question: I wonder? _____

_____ What changes take place?



What science is taking place with this experiment?



What are your thoughts and reflections about this experiment?

