



WACKY SCIENCE

DAY 4

ACTIVITY: Lemon Volcano

Equipment:

- Lemons (2 per volcano)
- Baking Soda
- Dish Soap
- Lemon Juice
- Cup + Spoons
- Knife
- Baking Pan with edges all around or Tray

Camper Box

Equipment:

- Popsicle Stick
- Food Coloring
- Lab Apron

STEPS

1. **Head** outside. Have an adult slice the bottom off the lemon and slice out the core. Place your cored lemon on a baking pan/tray.
2. **Have** an adult slice the second lemon. Juice it into a cup and set the juice aside.
3. **Use** your popsicle stick to mush the center of the cored lemon and bring out the juices. Keep the juice in the lemon! Place a few drops of food coloring in the center.
4. **Add** in a squeeze of dish soap. Add a spoonful of baking soda into the lemon.
5. **Stir** the lemon to make it more foamy.
6. **Add** lemon juice and more baking soda to keep the reaction going.
7. **Examine** what is happening with the reaction of the ingredients.
8. **Clean** up the experiment area. Wash hands for 20 seconds using soap and warm water.