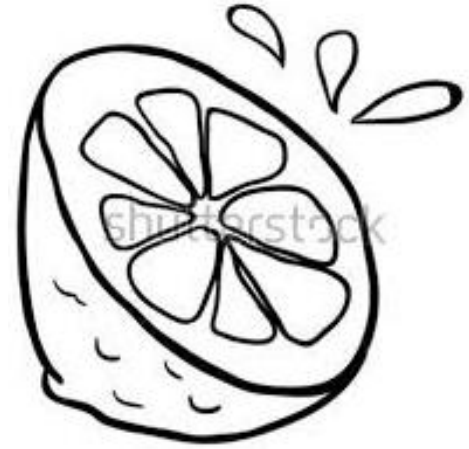


LEMON VOLCANOES

Instructions:

1. Drop 2 drops **food dye** on lemon
2. Drop 2 drops **dishwashing liquid** on lemon
3. Add ½ teaspoon **baking soda** on top
4. Mix together to cause a **CHEMICAL REACTION**



Why does the chemical reaction happen?

Because the lemon juice is an **acid** (citric acid) and the baking soda is a **base**. When acids and bases mix, it causes a fizzy chemical reaction.

What is the chemical reaction?

The chemical reaction creates carbon dioxide gas. When the carbon dioxide gas gets trapped in the dishwashing liquid, it makes even more bubbles!