

RECIPE FOR FUN

Crazy Chemistry

Supplies Needed: baking soda, vinegar, plate/baking sheet (something with sides works best), spoon, food coloring, dropper (medicine syringe, eye dropper, pipette, etc.)

Instructions

1. Add a couple spoonfuls of baking soda onto the baking sheet. (Optional: add a few drops of food coloring to the baking soda and stir until well mixed.)
2. In a cup, add a few drops of food coloring to the vinegar and stir until well mixed.
3. Squirt/drip/pour some vinegar on to the baking soda.
4. Watch the reaction.
5. Compare the reaction if you substitute sugar or salt for baking soda, substitute water or milk for vinegar.

**This is a kid safe reaction but doesn't taste good.*

Quick Bit about Science: Baking soda (NaHCO_3) is a base. Vinegar (CH_3COOH) is an acid. When we combined them, they produce carbon dioxide gas (aka lots of fizzy bubbles).



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**MORE
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FUN**

**COUNT, GROUP,
AND COMPARE**

Measure the baking soda
and the vinegar and count
the drops of food coloring
aloud with your child.

**TALK, Sing,
AND POINT**

Ask your child, "What
do you think will happen
when we mix these
colors together?"

What are The Palmetto Basics?

The Basics are five fun, simple, and powerful
ways that every family can give every child
a great start in life. Scan the QR code
below with your camera app or visit
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