

OH WOW!

Fizzy Rainbow Reactions

Materials :

- Clear cups
- Baking soda
- Vinegar
- Dish soap
- Food coloring
- Popsicle stick



Procedure :

1. Add $\frac{1}{2}$ cup of baking soda and 2 pumps dish soap into each cup- mix with popsicle stick
2. Add food coloring to each cup- mix food coloring into baking soda/dish soap mixture
3. Add vinegar to each cup
4. Watch the reaction!

The Science Behind It :

This experiment gives explorers a colorful visual representation of a chemical reaction. The ingredients for this experiment are of different states of matter- solid base (baking soda), liquid acid (vinegar), gas (carbon dioxide). The foaming bubbles are formed when the carbon dioxide from the reaction mixes with dish soap.

Additional Resources :

1. <https://www.funathomewithkids.com/2014/08/how-to-get-best-baking-soda-and-vinegar.html>
- 2.