



Baking Soda Color Fun

2 years to 3 years

Objective: The child builds knowledge and creativity through exploration of colors.

Materials needed:

- 1 baking glass pan
- 1 or 2 Boxes of Baking Soda (depending on how large of a glass pan you are using)
- 4 teaspoons of Vinegar
- Food coloring
- 4 Paper cups
- Droppers

Procedures:

1. Put the baking soda leveled flat across the bottom of the pan. Should be about an inch thick.
2. Fill up each cup half way with water. Add one teaspoon of vinegar per cup. Add in food coloring; one color for each cup.
3. Help if needed, have your child squeeze the dropper in the colored vinegar-water, and then squeeze liquid out of the dropper into the baking soda.



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4. Watch how the colored vinegar-water bubbles in the baking soda, and mix together.
5. This activity may require you helping your child and showing them how to mix the colors into the baking soda to watch the color-chemical reaction.
6. Remember to say the name of each color as you squeeze and drop it to teach them their colors. Have your child repeat the name of each color after you say it. Continue until child no longer shows any interest.

Milestones to meet:

The child is introduced to colors. The child builds their fine-motor skills to squeeze a dropper with liquid and squeeze out. The child watches color-chemical reactions and shows expressions to what they see and notice happening.

Evaluation:

Did this lesson work for your child? Why or why not?