

# BAKING SODA + VINEGAR PAINT

LEARN FROM  
**HOME**



This activity creates pools of color using baking soda and vinegar mixed with paint.

There are three great things about this project: it creates an amazing fizzing reaction when you add the color, it is almost impossible to add too much color, and the colors will not mix to make brown. Instead, they layer on top of one another for a beautiful and picturesque result.

Enjoy the process! This is a great activity to build vocabulary and fuel imagination.

## ACTIVITY

**MATERIALS:**  
WASHABLE LIQUID WATERCOLORS OR FOOD COLORING, WHITE VINEGAR, BAKING SODA, PIPETTES, TRAY OR SENSORY BIN

**DIFFICULTY LEVEL:**  
**SIMPLE**  
NEEDS A GROWNUP

## DIRECTIONS

1. Fill the bottom of your tray or bin with baking soda.
2. Pour vinegar into a few small containers, and mix in a few drops of liquid watercolor paint or food coloring to reach the desired color.
3. Using a pipette, drip the colored vinegar into your container of baking soda.

## LEARNING EXTENSION

1. What is happening here?
2. Continue exploring this activity by means of the scientific method. Make a hypothesis and test it out.
3. As a family, use the chart on the next page to jot down observations and ideas.
4. Did you learn something new?

## STANDARDS:

VA.3.F.1.1  
VA.1.S.3.1  
SC.2.P.8.3

STEP 1: Make Observations



STEP 2: Come Up With A Question Based On Observations



STEP 3: Make a Hypothesis



STEP 4: Conduct Experiments



STEP 5: Record Your Results and Draw a Conclusion



STEP 6: Report Your Results



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