



# Fizzing Shamrock Art Activity

## How does Fizzing Shamrock Art work?

When baking soda and vinegar come into contact, an acid-base reaction occurs, which releases carbon dioxide. Baking soda is a base, and vinegar is an acid. The resulting carbon dioxide creates bubbles and foam, which is what we see on the paint in this activity. The reaction is simple, but it creates an amazing visual that will excite students of all ages!

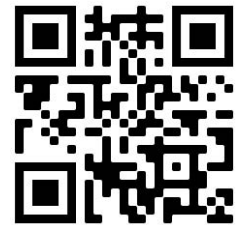
## Why is focusing on art in science important in early childhood education?

Art and science are not mutually exclusive subjects. The two are founded on similar principles of discovery, inquiry, and creativity. Children are natural explorers, creators, and questioners, bringing together the best of both fields. Focusing on art in science from a young age will encourage children to observe and explore on multiple levels.

## Required Materials:

- White Construction Paper (cut into shamrocks) (Item #8192-WH)
- Green Paint (Item #33301-GR)
- Baking Soda
- White Vinegar
- Eyedropper (Item #87285)
- Scissors
- Paintbrushes
- Mess Mat

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### 1. Make the Shamrocks

Fold pieces of white construction paper in half, and cut out shamrock shapes.

### 2. Combine Paint and Baking Soda

Mix 2 tablespoons of green paint with 1 tablespoon of baking soda. We chose the traditional color of shamrocks and St. Patrick's Day, but you can choose another color if you prefer. If you want to make a larger batch of paint, be sure to maintain the 2:1 ratio.

### 3. Paint the Shamrocks

Place shamrocks onto mess mat. Paint the shamrocks with the paint mixture. Don't worry about letting the paint dry.

### 4. Add Vinegar and Watch!

Using an eyedropper, place droplets of white vinegar wherever desired on the shamrock. Watch the amazing reaction unfold!

