

# FIG at Home

## EXPLODING SHAPES

Banish boredom with this STEAM project that uses simple materials found in many households.

### MATERIALS

- Baking soda
- Vinegar
- Water
- Mixing bowl
- Small cup
- Baking pan or plate with sides
- Dropper (clean medicine dropper or a straw)
- Cookie cutters
- Washable tempera paint or food coloring (optional)



### INSTRUCTIONS

1. Combine 4 parts baking soda to 1 part water (suggestion: 1/2 cup baking soda and 2 tablespoons water. The mix should hold its shape when squeezed. Add water until it does)
2. Add small amount of color paint or food coloring to mixture
3. Tightly pack each cookie cutter with the mixture
4. Carefully lift the cookie cutters off the mixture
5. Pour a small amount of vinegar into a cup
6. Use dropper or straw to drop vinegar onto each shape
7. Watch the shapes bubble, fizz, and explode!

Share your creations by using #FIGatHome and tagging us on Facebook, Twitter and Instagram!



WHATCOM MUSEUM