

The Puking Pumpkin

Did you know?

- Solids, liquids and gasses are all states of matter. Sometimes you can mix these together to create a chemical reaction! You'll know a chemical reaction has occurred when you see this...

A NEW SUBSTANCE FORMED!

Let's explore!



- Here's what you'll need!
 - Small Pumpkin
 - Baking Soda
 - Vinegar
 - Food Coloring
 - Dish Soap
 - Container or pan (to catch the spill over)
 - Knife to carve out the eyes, mouth and hole at the top
(Adults only!)



Procedure:

- Have an **adult** cut out a hole at the top of the pumpkin and clean out the inside
- Have an **adult** carve out the eyes and mouth for a spooky look
- Place $\frac{1}{4}$ cup of baking soda into the pumpkin
- Add a squirt of dish soap
- Add a few drops of food coloring
- Add some vinegar and observe!



Family Discussion

- What did you observe as evidence that a chemical reaction occurred?