

**Hopping Corn**

**K-2**

# [Hopping Corn Experiment](http://onetimethrough.com/wp-content/uploads/2014/05/Hopping-Corn-One-Time-Through-FB.jpeg)**Estimated Time:**

20-30 minutes

# **Materials:**

* Clear glass container
* Popping corn
* 2 ½ - 3 cups of water
* 2 Tbsp. of baking soda
* 6 Tbsp. of white vinegar
* Food coloring (optional)

# **Instructions:**

1. Fill your jar with water and add a couple drops of food coloring
2. Add your baking soda and stir well until it is all dissolved
3. Add a small handful of popping corn kernels
4. Add the vinegar slowly and watch the corn start to hop up and down!

# **The Science:**

When the baking soda and vinegar combine, they react to form a gas. The gas forms bubbles in the water which circle around the corn kernels.  The bubbles lift the kernels up to the surface and when they get there they pop, and the kernels sink again.

The “hopping” continues until the vinegar and baking soda have finished reacting.  For us, it lasted over an hour!