

Dancing Corn Experiment

This is a fun and simple experiment and very cool to watch. With just a few ingredients and patience you will be amazed at how popcorn can dance.

Supplies Needed

- Dried Popcorn Kernels
- Baking Soda
- White Vinegar
- See Through Glass Jar
- Pan to put jar on so not to make a mess

Instructions:

1. Add 1 cup of dried popcorn kernels into jar.
2. Fill jar about $\frac{2}{3}$ way full of white vinegar.
3. Add a couple of tablespoons of baking soda and watch the reaction.
4. After the majority of the fizzy bubbles settle down, the corn should start going up and down like they are dancing.
5. You may gently stir the mixture to reactivate the bubbles with a straw if the corn starts to slow down. Or you can add a bit more baking soda too.

Why does this happen? The corn kernels attach themselves to the air bubbles and move around the liquid.

