

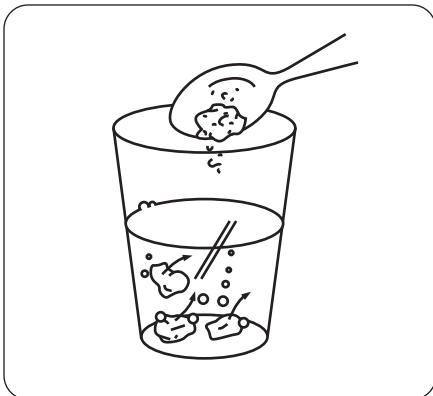


SCIENCE ACTIVITY:

Dancing Raisins

What You'll Need:

- ✓ Mom or Dad's help
- ✓ Baking soda
- ✓ Vinegar
- ✓ Raisins
- ✓ Measuring cup
- ✓ Teaspoon
- ✓ Large glass or bowl
- ✓ Scissors



Directions:

1. Pour one-and-a-half cups of water into the glass or bowl.
2. Add one heaping teaspoon of baking soda and stir until it is dissolved in the water.
3. Add four to six raisins to the water/baking soda mix in the glass or bowl.
4. SLOWLY add one cup of vinegar into the glass or bowl.
5. After a couple of minutes, what happens to the raisins?

When a base (baking soda) and an acid (vinegar) are combined, they react to form a gas (carbon dioxide). As the gas forms, it adheres to the raisins. Once enough gas adheres to a raisin, it will begin to rise to the surface. When it reaches the surface the gas escapes into the air and the raisin sinks. The raisin repeats this process for several hours or until the raisin gets soggy and too heavy to rise to the surface.

This activity can also be done using a clear, carbonated drink such as seltzer water.