



# CREEPY WIGGLY WORMS!

Transform some candy into a weird, wiggling science experiment!

## WHAT YOU'LL NEED:

- Gummy worms
- Baking soda
- Vinegar
- Water
- Knife
- Measuring cups and spoons
- Spoon
- Timer
- Clear cups or bowls



## HOW TO DO IT:

1. With the help of an adult, cut a few gummy worms in half, lengthwise. You may want to dust them with some baking soda so they don't stick to the knife.
2. In one of the cups or bowls, add 1 cup of warm water and 3 to 4 tablespoons of baking soda. Mix together.
3. Put the gummy worms in this mixture. Set a timer for 15 minutes and let the worms soak in this concoction.
4. Fill the other bowl or cup with vinegar.
5. After 15 minutes, remove the gummy worms from the baking soda mixture and add to the vinegar! Watch what happens!
6. This experiment works because the baking soda and vinegar react, creating carbon dioxide gas. The gas creates bubbles that pull the worms up to the top of the glass or bowl, making them wiggle around! Try this with different ratios of baking soda to vinegar, or even different gummy candy to see what happens!

