



CHRISTMAS TREE CHEMISTRY EXPERIMENT

Supplies

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| Baking Soda | Water | Vinegar |
| Green Food Dye | Silicone Christmas Tree mold | Syringe |

Instructions

The first step is to make your Christmas trees. Start by putting on latex gloves. I made the mistake of skipping this step and my hands were green for a week!

Add some baking soda to a large mixing bowl. A whole box will make 5 trees.

In a container mix water with some green food coloring. You will want to use quite a lot of dye to get a nice green color.

Slowly, just a little a bit at time, add the water to the baking soda and mix it with your hands. Mix until it is a slightly sticky paste. Because we are using molds, you want to add a little bit of more water. You want it to be thick but just enough fluidity that it will fill all the cracks and shapes of the mold.

Now freeze for at least two hours, I froze them over night.

Carefully remove the trees from the mold while they are still frozen, then promptly start painting them. You don't want them to melt.

Have a cup of Vinegar on hand with a syringe or pipette, the children love piping the vinegar onto the tree. The children's eyes light up when they see the vinegar interact with the baking soda. Have a lot of vinegar and baking soda on hand, they will want to do this over and over!