

DIY SCI: Oodles of Colorful Noodles

HOLIDAY SEASON IS HERE!!!

It's holiday season so let's get festive shall we? Add some splashes of color to your custom holiday card to give it a happy pop of your expression. But why stop at just coloring your card when you can also add colorful noodles to the mix? That's right, COLORFUL noodles. "But how do you color noodles?" Read on to see how the pro's do it. We'll be combining water and food coloring to make colorful noodles to go on your spectacularly customized christmas cards. Excited! Us to! Let's get to it!



What you'll need

- Your choice of Spaghetti Noodles
- Glue
- Your choice of Food coloring
- Vinegar
- Your choice of paper (x2)
- Spoon
- Ziploc bag

The Game Plan

1. Grab a handful of the noodles of your choice (Make sure that amount doesn't completely fill ziploc bag. We want the food coloring mixture to be able to color all the noodles)
2. Place noodles in your ziploc bag
3. Place one spoonful of vinegar in the same ziploc bag
4. Place 3-5 drops of food coloring in the same ziploc bag
5. Close ziploc bag
6. Shake and move noodles around so that the mixture of food coloring and vinegar spreads evenly
7. Let bag sit for a couple minutes (the longer it sits in the dye the darker the color)
8. Take noodles out and place on one of the sheets of paper to dry and let dry for close to 5 minutes
9. Once dried, freely design and customize your card by adding dots of glue to your noodle and applying it onto your card as you please

Fun Facts: Most food coloring dyes are considered acid dyes because they work best in acidic conditions. This is why we used vinegar in our mixture instead of water. Vinegar is much more acidic than water. How do we know this? A fancy thing called a pH sensor tells us. Water typically has a pH level of 7.0 where as Vinegar has a pH level of about 2.4. pH, which stands for potential hydrogen, measures the acidity or alkalinity of a liquid with values ranging from 0-14. Acids have pH levels between 0-7 (the lower the number the more acidic). Using an acid like Vinegar in our mixture helps the color better stick to the material, which in this case were your oodles of noodles. But if you hate the smell, try water and see compare how well the water works versus the vinegar and let us know!

