

MAKE YOUR OWN TIE-DYE PAPER

Materials needed:

- paper plate (or any plate you may have around the house, paper just makes for easier clean up)
- shaving cream
- stick or utensil for stirring
- food coloring
- pieces of paper
- gloves (optional)
- paper towel
- table
- plastic table cloth (sometimes science can be a bit messy so be sure that when doing experiments, you are using a space that is okay to be a bit messy in and taking precautions, like putting down a table cloth)

Now that we have all our materials let's start making some tie dye paper.

Step 1: Cover your paper plate with an even layer of shaving cream.

Step 2: Put several drops of food coloring all over the shaving cream. You can use one color or multiple colors.

Step 3: Use a stick or utensil to mix the food coloring in the shaving cream to create a tie dye pattern.

Step 4: Now would be the time to put gloves on if you don't want to stain your hands with food color, but it isn't necessary if you don't mind some colorful hands. Take a piece of paper and press the paper carefully into the shaving cream. There is no need to push hard or to push all the way into the bottom of the plate, the shaving cream just needs to come into contact with all of the paper and you should be covered.

Step 5: Pull the paper away from the plate and place it down on the table.

Step 6: Use a paper towel to wipe away all excess shaving cream. Left on the paper is a beautifully tie-dyed design.

Step 7: Leave your paper out to dry. If you want it to dry flat put a heavy book or pot on top of it, but make sure to put a piece of paper or paper towel in between the tie dye paper and book so the food coloring doesn't stain the book.

Step 8: Once dry you can use this as a decoration in your house or as stationary to write a note to your family and friends.

Step 9: Clean up! You always want to be sure that when you make a fun science mess you also clean up the fun science mess.