

Paper Chromatography

Discover how scientists use color to study materials, and make your own colorful artwork!



Materials Needed:

Coffee filter or paper towel, washable markers, scissors, water, eyedropper or spray bottle, tray or towel. Optional Hole punch, yarn.

Instructions:

Step 1: Cut a coffee filter or paper towel into sections. Choose two marker colors and draw a simple design. Make sure the markers are washable!

Hint: Choose one primary color (red, yellow, blue) and one secondary color (purple, green, orange).

Step 2: Place your drawing on a tray or towel. Use an eyedropper or spray bottle to drop water on your design. What happens to the ink as it mixes with the water and moves through the paper? How does your design change?

Step 3: Draw more designs! Experiment with different colors, patterns, and amounts of water.

Step 4: Hang up your artwork to dry. You can make a hole in one edge and tie yarn through the hole to make an ornament or bookmark.



Challenge: Use a black marker to make a design. Add a few drops of water. Do you see any other colors? Blac7.08

Colorful Chemistry Chromatography :4

