

Coffee Filter Art – Chromatography in Action

Chromatography is the separation of a mixture (e.g., marker ink) by passing it in a solution (e.g., water) through a medium (e.g., coffee filter) in which the components of the mixture (e.g., the various colors that make up any given marker color) move at different rates.

This is a super simple activity that serves as both an art project and a science activity. In creating some beautiful **coffee filter art**, children get to see a scientific phenomenon called **chromatography in action!**



Materials:

- Coffee filter
- Markers
- Cup with water
- A plastic pipette
- Plate or tray



Instructions:

1. Draw on the coffee filters using markers
2. Use the plastic pipette to drip water on to the drawings
3. Then watch as the water made the color on the filter spread

