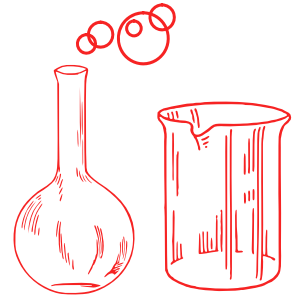


### Kitchen Chemistry Pt. 1

Follow along with our STEAM-Powered Saturday video tutorial as we transform our kitchens into our very own chemistry labs!



**Safety Note:** This experiment can get a little messy! Make sure to lay down some paper on your work surface before you get started.

**Materials:** Coffee Filter (or a paper towel/piece of white paper), washable markers, water, dropper (optional).

### Chomatography



Start by making a several filled in circle with magic markers in the center of the coffee filter. You can even put several different colored circles around the center to create a neat effect.



Slowly drip or pour water onto the middle of the coffee filter. Wait for the water to travel up the sides of the filter.



You will see the ink separate into the pigments used to make it! Take a closer look and see which pigments are in each marker. Some colors, like the red, don't use a mixture of pigments.



Other colors, like brown, will have lots of different colors. Our black marker had a lot of red pigment, some blue, and even some yellow!

