

# “In the Wild”

## Module 3, Adventure 2

EXPLORE IT

### Prompt:

You will learn how to do ‘color chromatography’ - or separating the colors that make up another color, to create beautiful prints. Using these prints, you can represent something out of nature, like a butterfly, flower, or an animal!

### Materials:

- Washable or wet erase markers
- White paper coffee filters (1 for each print)
- Piece of white paper
- Piece of wax paper (same size as or larger than the white paper)
- Small jar or mug of water
- Straw
- Towel or rag
- *Optional: Clothespins, pipe cleaners, craft sticks, tape, glue, and other craft supplies*
- *Optional: Explorer Notebook*

### Instructions:

1. For full visual instructions, please watch the Boston Children’s Museum video [Kitchen Science: Color Chromatography](#)
2. Remind yourself about which primary colors mix to make other colors: for example, purple is a mix of red and blue.
3. For each color print:
  - a. Spread a coffee filter flat on a surface.
  - b. Color a thick circle, slightly larger than a quarter, and drop a bit of water on the edge of the circle using the straw.
  - c. Allow a few minutes to dry.

- d. Repeat with a new filter, this time try coloring red and blue to make purple.
  - e. Place drops of water again, and give it some time to dry.
4. Once you have made multiple prints and they have dried, you now have colorful prints to re-shape, cut, fold, twist, layer, or mold into something from nature.

*For explorers using an Explorer Notebook:*

1. Sketch out your design before you start creating.
2. Draw your final design or put a picture of it in your notebook.

Look below to see an idea for how to design your page. You can use this or set up your notebook however you want!

### **Resources:**

1. This video from Boston Children's Museum's YouTube page gives a great explanation, for parents and kids, of how to create something new from color chromatography prints: [Kitchen Science: Color Chromatography](#)

### **Extensions:**

The following are optional steps you can take if you want to extend this adventure:

1. Want some specific challenges on what to make with your coffee filters?
  - a. A rainbow.
  - b. Invent a flower.
  - c. A peacock.
2. Go to the "In the Wild" topic on Flipgrid and share your creation.

## Explorer Notebook

You can use this to help you set up your Explorer Notebook!

### Color Chromatography Module 3, Adventure 2

Sketch of my design:



My final product:

