Color Mixing Experiments

Thank you for participating in Kemper Museum’s Virtual Scavenger Saturday!

You’ve explored the theme **science** in the exhibition, *Gifts of Art: 2019 Acquisitions*, on the Kemper Museum app, and now it’s time for you to create artwork inspired by this same theme!

Here’s how you can conduct a color mixing experiment using the coffee filters, markers, paper towel, and spray bottle.

1. Fold one of the coffee filters into fourths.
2. Fill the folded coffee filter with your choice of lines and shapes using the markers, which are the primary colors red, yellow, and blue.
3. Press fairly hard and use quite a bit of marker ink so the colors bleed through the coffee filter layers.
4. Place our folded coffee filter onto the paper towel.
5. Fill the spray bottle with water. You will be spraying the coffee filter with water, but before you do, it’s time to make some predictions like a scientist would!
6. Thinking like a scientist, write down your answers to the following questions:
   - What will happen to your lines and shapes after the coffee filter has been sprayed with water?
   - Based on which primary colors are next to each other on the coffee filter, what secondary colors will you see after it has been sprayed with water, dried, and unfolded?
7. Spray the coffee filter with quite a bit of water, making sure all the layers are soaked. When it is dry, take it off the paper towel and unfold it.
8. Document some observations such as what colors you see, how things changed, and even what the paper towel it was placed on looks like.
9. Repeat this process with the remaining coffee filters.

When all your coffee filter are all dry, create a piece of art with them! Experiment with altering (changing) the coffee filters by cutting, tearing, folding, collaging, layering, and hanging them.

To watch a video showing how to create these colorful coffee filters, visit the Virtual Exploration page on Kemper Museum’s website at kemperart.org/virtual-exploration.