

**Mission:** Raven Hill provides a place that enhances hands-on and lifelong learning for all ages by connecting science, history & the arts.

## Drop speed

The simplest things can keep a kid's mind active! Try dropping a single drop food coloring in a glass of water. How long does it take to diffuse completely and have all the water blue? What happens, if you try different water temperatures or put two different colors in at once or.....Let your kids ask the questions and see, if together, you can find the answers by experimenting.



1. Gather supplies



2. Add one drop of color



3. Observe

## March 22, 2020—Activity #2: Ramps

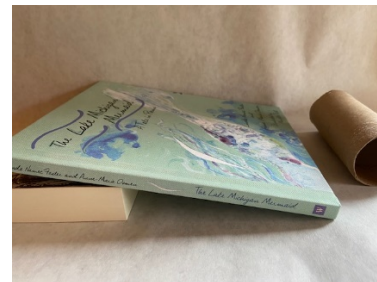
A toilet paper tube makes a great wheel and axle. Use books to build a ramp. How far does it roll? NO PUSHING! How can you make it go further? Can you get it to “stop on a dime”? Do you have to use the whole ramp? Can you tape a penny inside each end of the tube? What happens when you roll it then? What other cylinders roll further? Why?



1. Gather supplies



2. Make a ramp



3. Let it roll!

**PUT EVERYTHING AWAY AFTER YOU ARE DONE PLAYING!**