



Crazy Chemistry & Freaky Fun Physics

Crazy Chemistry: In this class we learn what matter is by experimenting with ordinary kitchen items and make tons of Chemistry FUN!

p to the H...What is pH? Students learn what pH is and how liquids can be either acidic, basic, or neutral. We start with the pH rainbow demonstration, then students experiment with color changing liquids with red cabbage juice and litmus paper.

Test Tube Adventures: Students create a density tube, a test tube volcano, and a test tube rainbow with the “world’s greatest test tube”. Students learn about color, changes in density and the states of matter!

Colorful Chemistry: Students learn about color & ink as we figure out the answer to the question - Is black ink really only black?, then students design their own beautiful Sharpie Pen t-shirt.

Freaky Fun Physics! What exactly is Physics? In this class students are introduced to Physics concepts from the smallest atoms to the largest stars. We explore the many forces and types of energy found on planet Earth.

Magnet Mania: Join us as we discover how magnets really work. First, we’ll test different items to see which ones are attracted to magnets. Then we’ll make a homo-polar motor and a spinning top toy. You’ll really be attracted to this one!

The Pluses and Minuses of Batteries: What are batteries? Students will investigate how batteries are made, why there is a positive and negative end of a battery and how they power our gadgets. We’ll make a battery with a potato, pennies and nails that will power an LED light!!

The Sounds of Science: We discover how sound is created, what pitch is, and how to create resonance in this class. Students create a chicken cup, a screaming balloon and play with different sound toys including a kazoo.