

# CRAZY CHEMWORKS

This action-packed camp explores the chemistry of everyday life! Kids will both learn and apply the concepts, tools and techniques of real chemists! Campers will learn real lab techniques and safety procedures, and use these throughout the week to mix crazy concoctions and chemical combinations. They will experiment with super-sticky-stuff, explore glow-in-the-dark technology, mix potions, make slime, and grow crystals! Each camper will take home a full set of Mad Science lab gear! **(Ages 6 - 11)**

These are only a sample of some of the activities that we will be doing each day. The topics will not necessarily follow this order. However, each of these topics will be included at some point in the camp.

**Lab Lowdown** - Start your chemistry career with some laboratory basics. Campers learn to swirl, pour and mix like a scientist! Make some fast-acting changes with your fellow junior chemists! Campers teach themselves to tell the difference between physical and chemical reactions and then put their knowledge to the test!

**Sticky Science** - Explore the science of sticky stuff! Campers find out what makes glue stick and try out a tape test. Mix up some solutions and mix some slime!

**Go for the Glow** - See the lighter side of science in this half day of chemical fun! Campers see how white light brings rainbow colors to our eyes and make some others glow.

**Acids and Bases** - Check out the colors of chemistry with the power of pH paper and create a stopper-popping reaction! Make colorful chemical reactions and find out how they happen.

**Awesome Atoms** - Chill down and heat up at the atomic level with solids, liquids, and gases. Campers see how cold dry ice is and melt a metal in hot water! You'll be pushing the limits of chemistry today!

