



Mad Science Enrichment 2011 - 2012 8-Week Programming Guide

Mad Science Extravaganza (Fall 2011)

In this electrifying session of Mad Science, mini-scientists will experiment with a variety of fascinating topics. Students will get a charge out of our plasma balls, and explore the states of matter with dry ice and goopy slime. Things will really get moving with simple machines, fundamental forces, and a thrilling rocket launch! The fizzy flavor challenge will tickle your taste buds in this Mad Science Extravaganza!

Show Me the Science (Winter 2012)

Burst into the lab with this high-energy session! Children will be stuck on science as they explore magnets, tape, glue, and all the things that bring us together. The pressure will be on as we experiment with the fabulous forces of gravity, inertia, and friction. Explore the energy of motion and all about current electricity. Go on a Continuity Quest, mix light, and build molecules with your very own Atomic Coins! Finally, sit in the director's chair and learn the science of movie-making!

“Fun”-damentals of Science (Spring 2012)

The fun continues with this captivating assortment of Mad Science classes! Blend colors together, split up the rainbow, and see why lasers are so a-maze-ing. Hunt for hidden animals and minerals as we explore our earth and the animals that inhabit it. Uncover the mysteries of the food pyramid as we step our way to a healthier lifestyle! Learn the fundamentals of flight and build your very own glider. You will be a Top Gun in no time! Explore how we are pulled toward the Earth by the fabulous force of gravity. Finally, transform the room into a crime lab to collect fingerprints & other clues to Learn how science is used to solve real crimes!

Shoot for the Stars (After-School Standard-Based Workshops)

The STAR Test is coming! Get those kids ready with an after school workshop program that targets the science standards students are expected to understand. Delve into the nuts and bolts of the universe by exploring molecules and how they are held together. Diagram the process of Photosynthesis and germinate your very own seeds. Recreate a volcano and Identify and classify rocks and minerals. Excite some electrons and use space-age plasma balls to test for conductivity. Probe the mysteries of comets and meteors, and study cells, the building blocks of all living things. Discover the amazing machine, the human body and all its systems. Round out the session by exploring how meteorologists study weather and how clouds form. Kids will have so much fun it's hard to believe they are actually learning!

Topics are subject to change.

