



Descriptions of Preschool Workshops

These programs are specifically designed for children ages 4 and 5 and can take place in daycare centers, preschools, churches, temples, etc. They are 30 minutes in length. The children perform experiments, participate in demonstrations and receive a take-home item at the end of each program.



Adventures in Air

Preschoolers will learn that even though air is invisible it is around them all the time. They will experiment with a variety of items that rely on the air to help them move.

Animal Friends

Become an animal, identify animal sounds, and learn all about animal babies and parents.

Bugs!

Students will get to explore the world's most abundant animals. How do bugs defend themselves? What makes a bug an insect? What are "bug eyes"?

Butterflies

Preschoolers discover all about butterflies – where they come from, stages of their growth, and how they eat!

Color Lab

This workshop will introduce preschoolers to the exciting world of color. They will make a new friend while learning about the colors of the rainbow and will experiment with their creative side during an activity on color mixing.

Dinosaurs

They will be introduced to the differences between meat eating and plant eating animals and will have the opportunity to look at some dinosaur teeth models up close. They will also work as paleontologists by participating in a mini dinosaur dig!

Dry Ice

Explore the 3 states of matter. Watch as the Mad Scientist creates a bubbling potion and the same fog effect used in the movies.

Energy & Motion

Children explore the concept of energy and how it gets things moving in this workshop that uses toys to help explain simple energy ideas.

Eye to Eye

This workshop will introduce students to their sense of sight. They will experiment with magnifying glasses, kaleidoscopes and binoculars.

Healthy Choices

Preschoolers will be introduced to basic nutrition in this hands-on workshop. They will discover what makes a healthy meal and why they need to keep eating fruits and vegetables to grow strong!

Human Body

Meet Mr. Bones and learn about muscles and body systems.

Keep in Touch

Children will learn how they understand the world with their sense of touch. The preschoolers will be presented with the challenge of identifying a variety of objects using only their sense of touch.

Let's Measure!

Preschoolers will learn the basics of measurement. They will measure all kinds of objects using balance beam scales, and even their own feet! Children will also be introduced to the concept of estimation.

Life in the Sea

Children will explore the science of the sea when they learn about what sand is made from, how shells are used by animals for protection and what animals live in the ocean.

Lights On

What is light? Shine some brightness on the subject, through mixing colors and exploring the rainbow of light.

Listen Closely

This workshop will introduce students to the science behind the sounds all around them. Children will have the opportunity to learn about the everyday materials that make a variety of special effects noises.

Mad Mixtures

Mad Science will create a chemistry lab using regular household products! Watch baking soda and vinegar explode like a volcano and use milk to make beautiful pictures.

Magnetic Attraction

You'll be drawn to these fun experiences with the poles and the power of magnets.

Mineral Mania

How do wind, water and heat turn mountains to sand? Discover the Earth's evolution as it stands the test of time and the elements.

Rocket Demo

Discover the dynamics of rocket flight. Take part in a NASA-style launching of Stomp Rockets and Water Rockets that soar into the air and then return to earth.

Science of Music

Boom, tap, smack, cha-cha-cha, listen to the sounds and rhythm of the science of music. Children will feel, hear and see the vibrations that help create music in this hands-on exploration.

Shapes and Structures

Children will discover different shapes and structures by using different kinds of equipment such as Geoboards and Magnatiles.

Space Frontiers

Take your class on a trip through the solar system and sign them up for the Mad Science Astronaut in Training Program where they will learn all about the elements of space.

Taste and Smell

This class will introduce preschoolers to their sense of smell and of taste and how they help them to enjoy all of their favorite foods and smells, as well as those that are not as pleasant.

Water Works

Water is more complicated than it looks! Children will learn all about the different properties of water. They will experiment with floating, sinking, and absorption.

Weather Wonders

Rain, snow, sleet, hail. Whatever the condition outside, children will have fun learning about weather patterns.

World of Worms

This workshop will provide preschoolers with an opportunity to get their hands dirty while working with magnifying glasses to get an up close look at real, live worms!



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