

# Preschool & Kindergarten Workshops

Our interactive workshops are designed to appeal to the interests and learning styles of preschool students. We cover simple concepts with fun, interactive activities appropriate for younger children's attention spans and motor skills. Each workshop can be completed in one session or combined with other courses to create a themed science series that carries over several days or weeks; we can also break up the series classes into individual workshops.

## Single Class Workshops

*\$125 per 45-minute workshop, maximum 18 students or by arrangement; see the series classes below for sample pricing of multiple-workshop series.*

### **Air All Around Us**

Does air take up space? Can air cause movement? What does air sound like? Together we will explore the properties and powers of air.

### **Colorful Chemistry**

Learn about the colors we see by mixing (and unmixing!) colored paint, markers, crayons, and even light! We will explore connections between science and art in this fun, creative workshop.

### **Density Dance**

Learn about density, the property that explains how items sink and float. Explore how density differences can create amazing layered displays!

### **Digging Dinosaurs**

What are dinosaurs, and what can fossils tell us about the lives they lived? Together we will dig for dinosaur bones and create "fossils" of our own.

### **Five Fabulous Senses**

Sensory play is an important growth experience for preschoolers. In this workshop, we will learn how our five senses work, find out how special science tools can enhance our senses, and explore a variety of sights, sounds, smells, textures, and tastes.

### **Let's Move!**

See how energy is used in movement, and learn why seat belts are important. Explore energy storage, race rubber-band-powered cars, and more!

### **Magnetic Attraction**

Explore magnetism with a variety of magnets and materials. Learn how magnets attract and repel, and experience floating magnets and magnetic art.

### **Measuring Up**

Learn how to measure by comparison and how to use simple tools like balance scales. Explore

terms like “fewer” and “bigger” with fun, whole-classroom (and outdoor, if weather and the space permit) activities.

### **Our Busy Bodies**

Build a puzzle to reveal the bones and organs, listen to your heart with a stethoscope, and learn how food travels through the human body with dramatic play.

### **Plant Power**

Identify the different parts of a plant learn the purpose of each plant organ, and discover the best conditions for growth. Students will plant seeds so they can track plant growth after the workshop ends.

### **Super Sounds**

Learn how vibrations make sounds. Explore pitch and volume, and create a musical instrument to keep!

### **Tree-mendous Trees**

Why are trees such an important part of so many habitats? Learn about different types of trees and the basic parts of trees, and create art with branches and leaves.

## **Workshop Series**

*\$750 per six-session course, maximum 18 students or by arrangement; also available as individual workshops.*

## **Creature Feature Series**

### **Birds of a Feather**

Birds come in all shapes and sizes, from tiny hummingbirds to enormous ostriches. We will compare our feathered friends, learn about nests and eggs, and try our “beaks” at eating the way birds do!

### **Incredible Insects & Stupendous Spiders**

Identify the insects we see every day, learn about insect body parts, and find out the difference between insects and spiders. Try moving and eating like a butterfly via dramatic play.

### **Magnificent Mammals**

Examine the characteristics of mammals, explore mammal habitats, and take a look at mammal babies. We will learn about our furry friends all over the world—and in the ocean!

### **Reptiles**

See how snakes move and check out a real snakeskin. Learn the difference between cold-blooded and warm-blooded creatures, and find out how snakes are helpful and important creatures in our ecosystems.

### **Something Is Fishy**

Learn about different water habitats, the disguises fish use, a little aquatic anatomy and more!

### **Wonderful Worms**

Wiggle like a worm and experience life like everyone's favorite invertebrate. Learn what worms eat and how we benefit from their appetite.

## **Science Explorers Series**

### **Desert Trek**

Imagine the extremes of desert habitats. What would we wear to travel in the desert? What plants and creatures live in deserts, and what adaptations help them survive?

### **Explore the Ocean**

Dive into the deeps as we discuss the ocean's movements and its many inhabitants. Learn about the methods ocean critters use to protect themselves through discussions and games, and create your own ocean in a bottle!

### **Polar Explorers**

What is the North Pole like? Is the South Pole cold or warm? Who lives there? How do animals survive in arctic conditions? Join us to learn about the surprising challenges of life at the poles!

### **The Rainforest**

What is the rainforest like, and who lives there? Did you know that the rainforest is full of layers, with different microclimates and inhabitants at each level? Let's explore this fascinating world together!

### **Space Basics**

In space, no one can hear you scream with laughter. Together we will learn about outer space, what we have found in our exploration of space, and how people must adapt to venture beyond earth's atmosphere.