

Discovery Place's Museum on Wheels
Experiences in Open Environments

Presentation Menu Options

Duration – One (1) hour

Skilled presenters from Discovery Place lead an exciting thirty (30) minute presentation focusing on a science topic. The total experience will include hands on experiments/demonstrations, question, answer and exploration time. Science topics can be selected from the following listing:

Cryogenics

At 320 degrees below zero (Fahrenheit), fascinating things begin to happen! Explore the world of “super cold” temperatures in this chilling presentation.

- ***Optional Addition*** – Liquid Nitrogen Ice Cream – this is a great addition to any Cryogenics program. Everyone loves ice cream and the best thing about this ice cream is that it is made in less than ten minutes and everyone gets to a sample. Additional cost applies.

Suited for Space

Explore an authentic NASA space suit. Discover what space is like and how various parts of the space suit help in maintaining the essentials of life support.

Action Reaction

What is a chemical reaction? Discover this and more as we explore amazing reactions with incredible liquids, mysterious powders and fascinating gases!

Rat Basketball

Yes, Discovery Place has rats that actually play basketball! Come and watch our furry friends show off their skills.

Reptile Rap

Can you identify a venomous snake? How do snapping turtles catch their food? Learn some fun facts about these scaly and cold-blooded animals. Participants will have the opportunity to meet one of these fascinating creatures.

Brain, Eyes, Optical Illusions

Is it magic or science? Learn how the eyes and the brain work together to create illusions. See a real human brain. Participate in some mind-boggling demonstrations. By the end of this presentation you will discover that seeing is not always believing.

Booth Demonstration Menu Options

Duration – One (1) hour

Participants have an opportunity to take a self-guided tour by exploring specimens, props and activities related to a science topic. This experience allows for up close and hands-on interaction. Science topics can be selected from the following listing:

Astronaut Adventures

What is it like to live and work in space? Experience the challenges of space travel that an astronaut must overcome. Participate in hands-on activities and explore an authentic NASA space suit.

Brain Teasers

Try your hand at seemingly impossible puzzles. See a real human brain. Look at mysterious and surprising optical illusions. This experience is sure to be mind-boggling.

Urban Wildlife

Many animals are forced to live in urban environments. Those species that adapt will survive; those that cannot adapt will not survive. Learn about the organisms in and around our cities and what you can do to help them survive in their dwindling natural habitat.

Animal Families

Does a squirrel have scales or fur? Why does a bird have feathers? Through hands-on explorations, participants gain a better knowledge of animals and to which animal families they belong. This experience includes the opportunity of meeting live animals.

Animal Explorations

Discover the wild and wonderful world of animals through this exciting hands-on experience. We'll travel across our planet to discover unique creatures and the habitats needed for their survival. Learn where tarantulas live, hold a freeze-dried shark and more!

Tropical Rain Forests

Tropical rain forests may be our planet's most valuable resource. Participants explore food, wood and animal products to determine which are harmful to take from the rain forests. This unique experience includes meeting an exotic animal.

Oceans

The ocean may be one of the most diverse communities of plants and animals on our planet. With a variety of museum specimens, we will explore the ocean's inhabitants, from the simplest to the most complex. We will highlight surprising ways we utilize ocean products in our everyday lives.

Rockin' Reptiles

What does an iguana feel like? Do all snakes lay eggs? Explore various specimens of reptiles from our collections and meet one of our reptilian friends.

Super Cold Science

At 320 degrees below zero (Fahrenheit), fascinating things begin to happen! Explore the world of "super cold" temperatures in this chilling demonstration.

Electrifying Encounters

Sparks fly in this energetic demonstration! We use our Van de Graaff generator to give participants a hair-raising experience and help them learn more about electricity.

Geology Rocks!

Can rocks float? Do minerals glow in the dark? Participants explore various fascinating properties of the museum's geology specimens. Topics include fluorescence, gemstones and familiar products made from minerals.

Dynamic Dinos

Take a trip with us into the past to rediscover the ancient inhabitants of our planet – the dinosaurs! Explore dinosaur fossils including teeth, claws, bones and eggs. See what other animals and plants lived during this time and discover what a coprolite is.

Diggin' Fossils

At one time, much of North Carolina was the ocean floor. The coastline has now receded, leaving behind remnants of this ancient habitat. In this experience, participants can find and examine evidence in soil from Aurora, North Carolina. Fossils found in the soil will be yours to keep!

BodyWorks

Did you know that human bones are stronger than reinforced steel and concrete or that all the blood vessels in an adult human body would stretch around the planet Earth 2 ½ times? We will use models, animal specimens and real human organs and bones to explore the fascinating mysteries of the human body.