

# **East Tennessee Discovery Center Fieldtrip Program Guide Kindergarten**

## **Scheduling Your Fieldtrip!**

Call 865-594-1494 to schedule your fieldtrip. Please provide the following information:

1. Date & time you would like to visit.
2. Name, address, & phone number of your school.
3. The number of students participating.
4. Programs you would like to see.  
A fieldtrip consists of a classroom program, planetarium show, and time in the exhibit gallery or any combination of the above.
5. Whether your group will be shopping in our gift shop (prices range from 25 cents to \$10).

## **Meeting Your Curriculum!**

Every Discovery Center program is aligned with and reinforces the grade level expectations set by the Tennessee Department of Education. Included is a list of programs and the state science curriculum grade level expectations they meet.

\* Indicates that the particular program best aligns with the GLEs for that grade level.

# **Planetarium Programs**

## **Don't Duck, Look Up!**

Join Dudley, the duckling, as he takes his first trip out to the barnyard & learns about the sky, along with his animal friends. Listen to the animals describe the patterns they see in the night sky. This program is a wonderful introduction to both the day & night sky and is perfect for the youngest astronomers.

7.6.1 Know the different objects that are visible in the day and night sky.

7.10.1 Identify the sun as the source of heat and light.

7.10.2 Investigate the effect of the sun on a variety of materials.

# **Classroom Programs**

## **\*Bats Abound**

Truth versus myth about bats from around the world! See native Tennessee bat skins. View a real bat skeleton and compare the similarities to the human skeleton. Participate in age-appropriate activities that will have your students "flying".

7.2.1 Recognize that some things are living and some are not.

7.3.1 Recognize that living things require water, food, and air.

7.4.1 Observe how plants and animals change as they grow.

7.4.2 Observe that offspring resemble their parents.

7.5.1 Compare the basic features of plants and animals.

## **\*Forces & Motion**

Discover the role "friction" and "gravity" plays in our daily lives. Through participatory and fun activities such as racing cars, hitting homers, and riding a skateboard, students will grasp the concepts of Newton's Three Laws of Motion.

7.11.1 Explore different ways that objects move.

## **Our Planet & Moon**

Through imitation, students learn the movement of the Earth and Moon and how the Earth's movements create day and night and four seasonal changes.

Participatory and fun activities help students understand the "phases" of the Moon as well as the Moon's physical features.

7.6.1 Know the different objects that are visible in the day and night sky.

7.10.1 Identify the sun as the source of heat and light.

## **\*What is an Insect?**

The world of insects is explored during this entertaining, fact-filled, hands-on presentation. Identify the physical characteristics shared by insects through “butterfly role play”. The distinction between insects and non-insects is made thru interactive activities and you will meet, touch, and “listen” to “Benson” and his friends, our live-in Giant Madagascar Hissing Cockroaches.

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## **Wind, Water, Clouds and More**

Learn the whys behind Summer, Winter, Spring, and Fall. What is wind and what does it do? How many types of clouds are there and what sort of precipitation do they create? What’s the difference between Fahrenheit and Celsius? Come to our “weather room” and get the answers.

7.10.1 Identify the sun as the source of heat and light.

7.10.2 Investigate the effect of the sun on a variety of materials.