East Tennessee Discovery Center
Fieldtrip Program Guide
1st Grade

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.

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Planetarium Programs

*Friendly Stars

Join the Sun & Stars in exploring the daytime & nighttime sky in this "friendly" presentation. See the stars as they are projected on the planetarium dome.

7.6.1 Compare and describe features of the day and night sky.

7.6.2 Realize that the sun can only be seen during the day, while the moon can be seen at night and sometimes during the day.

*The Sky Tonight

Join our Planetarium Facilitator in viewing a simulated nighttime sky projected on the planetarium dome. Find the stars and constellations that are currently visible in the nighttime sky and hear the stories of how some constellations got their names. This interactive program can be tailored to meet the needs of your students.

7.6.1 Compare and describe features of the day and night sky.

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".

7.1.1 Recognize that living things have parts that work together.

7.2.1 Distinguish between living and non-living things in an environment.

7.3.1 Recognize that plants and animals are living things that grow and change over time.

7.4.2 Describe ways in which animals closely resemble their parents.

*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 Investigate how forces (push, pull) can move an object or change its direction

*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 Compare and describe features of the day and night sky.
7.6.2 Realize that the sun can only be seen during the day, while the moon can be seen at night and sometimes during the day.

*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.

7.1.1 Recognize that living things have parts that work together.
7.2.1 Distinguish between living and non-living things in an evironment.
7.3.1 Recognize that plants and animals are living things that grow and change over time.
7.4.1 Observe and illustrate the life cycle of animals.
7.4.2 Describe ways in which animals closely resemble their parents.

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 Investigate the effect of the sun on land, water, and air.