



Lifestyles of the Green and Furry AUDITORIUM PROGRAMS SUMMARY

Level: Grades 1-3
Program Length: 45 minutes

Maximum: 150 students
Minimum: 25 students

Description

Learn about the life cycles of plants and animals in a fun and hands-on way. Through activities, live plants, and animal encounters, your students will learn about the basic needs of plants and animals, their life cycles and habitats. The program is designed to meet Georgia Life Science Standards and can be tailored to your grade level.

Curriculum Correlations (GPS Science)

Students will:

1. Identify the characteristics and basic needs of plants and animals. **S1L1a, b**
2. Explore parts of a plant and compare and describe various animals. **S1L1c, d**
3. Investigate the life cycles of different living organisms. **S2L1a, c**
4. Recognize the habitats of different organisms and their dependence on that habitat. **S3L1a, b, c, d**
5. Encounter live animals and plants and examine what features of that animal or plant allow them to thrive in their habitats. **S3L1a, b, c, d**
6. Raise questions about the natural world around them and seek answers with hands-on activities. **S1CS1, S2CS1, S3CS1**

Main Themes

1. Plants and animals have 4 essential basic needs.
 Plants: air, water, light, nutrients
 Animals: air, water, food, shelter
2. Four main parts of a plant—root, stem, leaf, flower.
3. Compare and contrast various animals—appearance, motion, growth, basic needs.
4. Learn about different life cycle sequences of different organisms—plant, mammal, amphibian, bird or insect.
5. Learn about different habitats and the different habitat needs of plants and animals.

Vocabulary

Amphibian	Flower	Life cycle	Plant	Shelter
Animal	Habitat	Mammal	Region	Species
Basic Needs	Insect	Nutrients	Reptile	Stem
Bird	Leaf	Photosynthesis	Root	

Pre-Visit Activities

1. Review vocabulary.
2. As a class, discuss the differences between plants and animals, and their basic needs.

At the Museum

Visit the permanent exhibition *A Walk Through Time in Georgia* on Entry Level. Plants and animals from each of the natural regions of Georgia are displayed, from the mountains to the coast. Discuss the differing habitats of the animals and plants that you encounter and think about why they live in those particular areas and how they meet their basic needs in each habitat.



Lifestyles of the Green and Furry AUDITORIUM PROGRAMS SUMMARY, page 2

Post-Visit Activities

1. Recall with students the activities they participated in and some of the information that they learned in *Lifestyles of the Green and Furry*.
2. Play games in the classroom to reinforce the main points of the program, or adapt games to cover more in-depth topics based on the class, i.e. food webs, predator/prey relationships, energy production/transfer, etc.
3. Have students write a journal entry about their visit to the Museum and the class. They can record their thoughts and experiences along with the new things they learned. Encourage students to write questions that might have come up after the class and discuss these as a group for review.

Resources

Basic Needs http://munnellrunfarm.org/Our_Basic_Needs_PDF.pdf

Life Cycles <http://teams.lacoe.edu/documentation/classrooms/judi/life.html>

Habitats <http://www.enchantedlearning.com/biomes>