



CREATURE FEATURES

Level: **Grades K-12**

Length: **30 minutes**

PROGRAM DESCRIPTION

Let members of Fernbank's live animal collection guide you through the world of science! Insects, reptiles, and amphibians will help your students understand habitats, adaptations, and more in one of our many Creature Feature themes. Our animal ambassadors will inspire your students to appreciate the wonders of the natural world.

PROGRAM VOCABULARY

Adaptation
Ecosystem

Habitat
Invertebrate

Vertebrate

ADDITIONAL RESOURCES

Access to additional resources, including pre- and post-program activities will be available through Fernbank's virtual learning platform, Moodle.com. You will be provided registration access prior to your program date to establish your Moodle account.

Each of the following themes addresses a different Essential Question in line with Georgia Standards of Excellence.

AUDITORIUM PROGRAM SUMMARY - CREATURE FEATURES

GROUPING (recommended grades: K-5)

ESSENTIAL QUESTION

How are *structure* and *function* related in living things?

THEME-SPECIFIC CURRICULUM CORRELATIONS

Students will:

- Group organisms based on attributes and compare the life cycles and traits of each group. **SKL1b; SKL2a; S2L1d; S5L1a**
- Recognize the basic needs of animals. **S1L1b**

THEME-SPECIFIC VOCABULARY

Classification	Bird	Insect
Amphibian	Reptile	Mammal

GEORGIA'S NATIVE SPECIES (recommended grades: 3-5)

ESSENTIAL QUESTION

How does *where* an organism live affect *how* it lives?

THEME-SPECIFIC CURRICULUM CORRELATIONS

Students will:

- Identify animals native to Georgia and the natural region(s) in which they live. **S3L1a**
- Discuss the adaptations- both external traits and behaviors- which help Georgia species survive in their habitat. **S3L1b,c; S5L1a**
- Recognize the roles native species play within their Georgia ecosystems. **S4L1a**

THEME-SPECIFIC VOCABULARY

Conservation	Endangered	Natural Regions
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DEFENSE (recommended grades: 3-5)

ESSENTIAL QUESTION

How are *structure* and *function* related in living things?

THEME-SPECIFIC CURRICULUM CORRELATIONS

Students will:

- Explore how external features and adaptations of animals allow them to survive in their habitat. **S3L1b; S5L2b**
- Recognize the roles animals play within their ecosystems, such as predator and prey. **S4L1a**

THEME-SPECIFIC VOCABULARY

Camouflage	Mimicry	Venom
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AUDITORIUM PROGRAM SUMMARY - CREATURE FEATURES

ECOSYSTEM ENERGY (recommended grades: 3-8)

ESSENTIAL QUESTION

How and why do organisms interact with each other and their environment?

THEME-SPECIFIC CURRICULUM CORRELATIONS

Students will:

- Trace the path of energy through organisms in an ecosystem. **S4L1b; S7L4b; S8P2c**
- Recognize the roles of producers, consumers, and decomposers, and the adaptations which help them fulfil these roles. **S4L1a; S5L1a; S7L4a**

THEME-SPECIFIC VOCABULARY

Carnivore	Food Chain/Web	Omnivore
Decomposer	Herbivore	

CLASSIFICATION & PHYLOGENETICS (recommended grades: 9-12)

ESSENTIAL QUESTION

How do *classifications* demonstrate *relationships* between organisms?

THEME-SPECIFIC CURRICULUM CORRELATIONS

Students will:

- Construct a model of the relationships between different groups of organisms. **SB4a,b; SZ1c**
- Compare and contrast structural adaptations of different organisms and identify how similar structures can indicate close biological relationships. **SB6c; SZ2b; SZ3c**
- Recognize how classifications and structures in animals relate to the roles they play in ecosystems. **SZ4a**

THEME-SPECIFIC VOCABULARY

Classification	Evolution	Genus/Species	Phylogenetics
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