

# **Fernbank Science Center**

**Title**: Creatures of the Night & Sky (2340A) **Type**: Experience **Length**: 90 Minutes

### **Program Description:**

Students will learn to identify animal constellations of the night sky in the Planetarium and study adaptations of nocturnal animals in the classroom.

## **Georgia Standards of Excellence – Life Science**

S4E1: Students will compare and contrast the physical attributes of stars, star patterns, and planets.

a.) Recognize the physical attributes of stars in the night sky such as number, size, color, and patterns

S3L1. Obtain, evaluate, and communicate information about the similarities and differences between plants, animals, and habitats found within geographic regions (Blue Ridge Mountains, Piedmont, Coastal Plains, Valley and Ridge, and Appalachian Plateau) of Georgia.

b.) Construct an explanation of how external features and adaptations (camouflage, hibernation, migration, mimicry) of animals allow them to survive in their habitat.

#### Vocabulary

Adaptation Constellation Habitat Nocturnal

## **Pre-Visit Activities**

View "Georgia Outdoors" segment, *Nighttime in Georgia online* (26 minutes) <a href="http://www.gpb.org/georgia-outdoors-classic/nighttime">http://www.gpb.org/georgia-outdoors-classic/nighttime</a>

#### **Post-Visit Activities:**

Handouts provided to teacher: Web Resources on Night Vision, "Have a Cricket Tell You the Temperature", "Bat & Moth"

## **Resources:**

Georgia HSP Science, Grade 4: pgs. 86-90; 354-363; 368-377

The Constellations: How They Came to Be by Roy A. Gallant, ISBN 0027357767

(CAR 08/2017)