

# Ohio History Teachers 30 Minute Program

## ANIMALS THAT GO BUMP IN THE NIGHT (Grades K, 1 & 2)

**Description:** In the Discovery Theater, Kindergarten through 2<sup>nd</sup> grade students explore the world of night creatures such as moths, bats, owls, voles, rabbits, and opossums. Through this study of these nighttime inhabitants, students will explore the characteristics and structure of life, heredity, adaptability, and the diversity and interdependence of life. Students will have the opportunity to see preserved nocturnal animals and touch selected animal skins. Students will be encouraged to ask and explore questions such as what if, what happens when, and how do we know based on their observations.

**Primary Objective:** Young students will explore the world of nocturnal animals, their adaptive features, diversity, interdependence of life, and benefits to humankind.

**Location:** Ohio Historical Center, Columbus, Ohio

**Availability:** September – March  
Thursdays, Fridays  
10:00 a.m. – 2:00 p.m.  
Maximum 50 students

**Time Allowance:** 30 minutes

**Cost:** Students \$4.00 includes admission  
Chaperones \$3.00  
Teachers free

### Vocabulary:

**Adaptation** – Adjustment to environmental conditions, modification of an organism or its parts that makes it more fit for exercise under the conditions of its environment.

**Body Covering** – A feature that covers the body, such as fur or feathers.

**Carnivore** – A flesh-eating animal.

**Characteristic** – A distinguishing trait, feature, quality, or property.

**Diurnal** – Belonging to or active during the day.

**Echolocation** – Determining the location of something by measuring the time it takes for an echo to return from it; bats use echolocation.

**Food Chain** – An arrangement of the organisms of an ecological community according to the order of predation in which each uses the next usually lower member as a food source.



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**Habitat** – The place or environment where a plant or animal naturally or normally lives and grows.

**Herbivore** – A plant-eating animal.

**Marsupial** – Mammals of which the females have a pouch containing the teats where the young are fed and carried

**Nocturnal** – Belonging to or active during the night.

**Nutrient** – A nutritive substance or ingredient.

**Omnivore** - An animal that feeds on both animal and vegetable substances.

**Organism** – An individual constituted to carry on the activities of life by means of organs separate in function but mutually dependant; a living being.

**Predator** – Any animal that lives by preying on other animals.

**Prey** – An animal taken by a predator as food.

### Pre Visit Activity:

Discuss with the students that they will be visiting a museum to study nighttime animals. Explain that they will get to touch and look at mounted specimens. You may wish to explain that they were once alive and have been preserved in order to study them. You may also wish to talk to them about handling these items carefully and respectfully.

**Assessment Activity:** Following the program the presenter and teachers will sit down with the students and engage in a conversation of what they learned because of their experience with the program, particularly focusing on the primary objectives for their specific grade.

### Post Visit Assessment Activity:

Complete grade level assessments attached below. Discuss their experience at museum and their questions and possible answers.

### Science Standards Connections (by Alignment of Benchmarks and Grade-Level Indicators):

Grade K: Life Sciences – B5; Scientific Inquiry – A1, B4; Scientific Ways of Knowing – B3

Grade 1: Life Sciences – A1, A4, B3; Scientific Inquiry – A1; Scientific Ways of Knowing – A2

Grade 2: Life Sciences – A1, B7, C4; Scientific Inquiry – A2

# Ohio History Teachers Discovery Theater

## Night Time Animals Grade K Assessment Activity

What parts of an animal help it live a night? Draw a picture.




Finish this sentence. What if \_\_\_\_\_

\_\_\_\_\_?

# Ohio History Teachers Discovery Theater

## Night Time Animals Grade 1 Assessment Activity

What body parts help animals seek, find and take in food? Draw a picture.



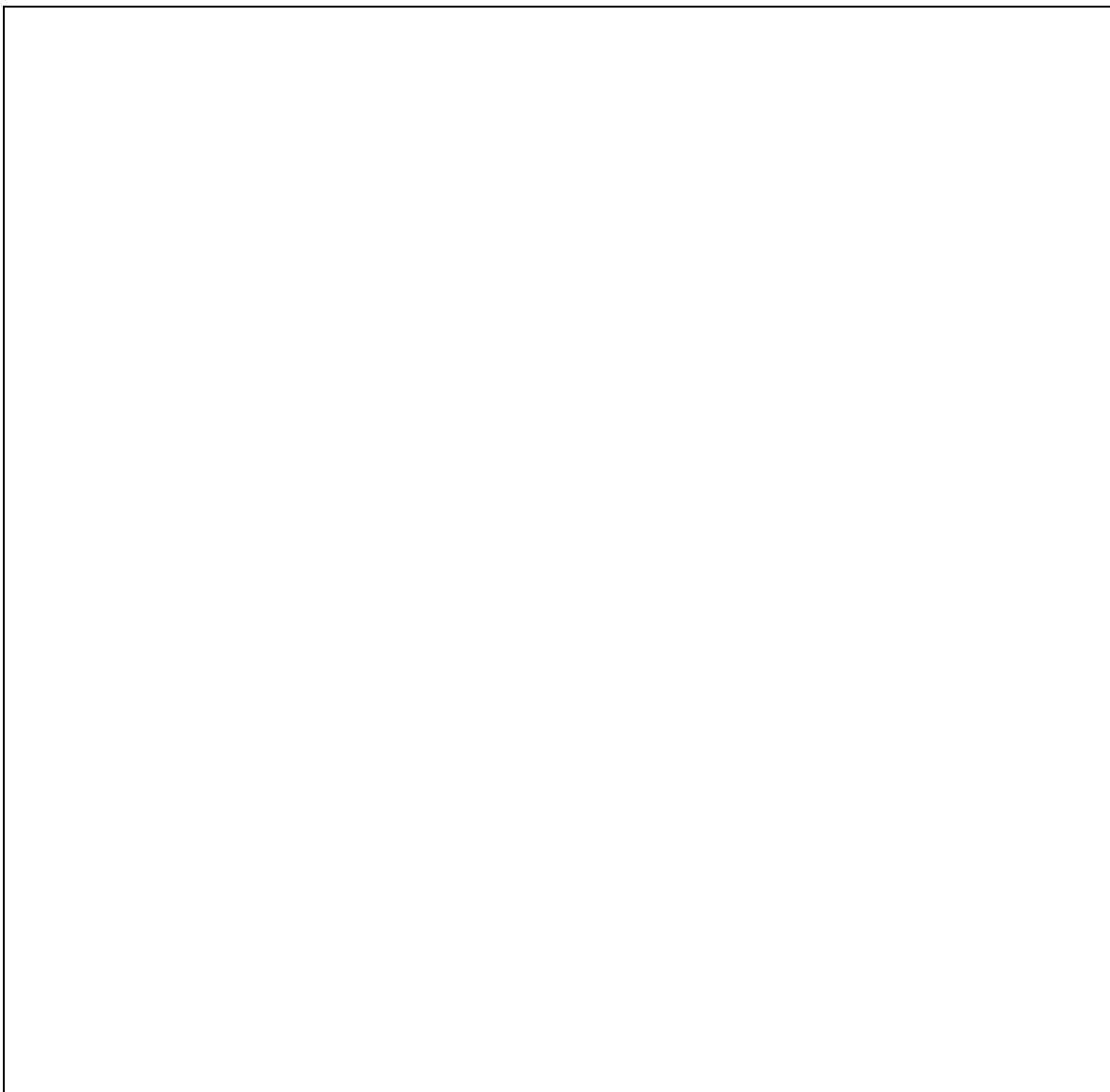
Finish the sentence. What happens when \_\_\_\_\_

\_\_\_\_\_?

# Ohio History Teachers Discovery Theater

## Night Time Animals Grade 2 Assessment Activity

Compare the homes and activities of these nighttime animals. Draw a picture



Finish the sentence. How do you know \_\_\_\_\_  
\_\_\_\_\_?

Try to answer your question. \_\_\_\_\_