



NATURAL SCIENCE CENTER  
OF GREENSBORO

Community Service Through Science

# Vertebrate Animals

Program Length: Approximately 45 minutes

## Science Presentations

The Science Presentation you have scheduled is designed to help illustrate the science concepts taught in the classroom and to stimulate student interest in the subject matter.

## Program Outline

- 1) Introduction to the classes of vertebrate animals
- 2) Discussion of each class and its characteristics
- 3)
  - a. Fish – scales, fins, gills, lateral line, cold-blooded, jelly covered eggs in water
  - b. Amphibians – moist skin, fins-legs, gills-lungs, no claws, metamorphosis, cold-blooded, jelly eggs in water/moist places
  - c. Reptiles – scales, claws, lungs, cold-blooded, shell on egg
  - d. Birds – feathers, wings, bill, lungs, hollow bones, warm-blooded, hard-shelled eggs
  - e. Mammals – hair, lungs, warm-blooded, live young, produce milk for young

## Program Objective

To introduce students to the vertebrate animal kingdom by discussing the characteristics of the five classes of vertebrate animals.

## Vocabulary

limbs	lungs	gills	fangs	cold-blooded
scales	extinct	aquatic	nocturnal	warm-blooded
migration	marsupial	prehensile	constrictor	metamorphosis
lateral line	adaptation	hibernation		