

# Taxonomy Trek

## Middle/High School

Taxonomy is a system used to sort species into categories based on shared characteristics. Can you find an example of an animal from each of the following categories at the zoo?

Kingdom  
Phylum  
Class  
Order  
Family  
Genus  
species

Class Amphibia: Ectothermic (cold-blooded) animals that undergo metamorphosis from an aquatic (lives in water) juvenile form to a terrestrial (lives on land) adult.

Order Anura: Amphibians without tails.

Class Reptilia: Ectothermic (cold-blooded) animals with scaly skin that lay leathery eggs.

Order Testudines: Reptiles with a bony/cartilaginous shell formed by fused rib bones and covered with keratin scales.

Class Aves: Endothermic (warm-blooded) animals with feathers that lay hard-shelled eggs. Have toothless beaks.

Class Mammalia: Endothermic (warm-blooded) animals with fur or hair. Produce milk and give birth to live young.

Order Carnivora: Mammals with scissor-like carnassial teeth. Most eat meat - a few have adapted to an omnivorous diet.

Order Primates: Mammals with large brains, grasping hands with flat nails, and forward-facing eyes.

Order Chiroptera: Mammals with wings.

Order Perissodactyla: Mammals with odd-toed hooves.

Order Artiodactyla: Mammals with even-toed hooves.

POTTER PARK

ZOO

1301 S Pennsylvania Ave, Lansing, MI

[potterparkzoo.org](http://potterparkzoo.org)