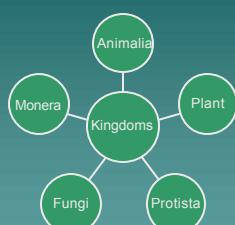


Animal Classification and Food Chains

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5th Grade Science

Kingdoms

- ◆ All living things are grouped in one of the five Kingdoms.
- ◆ Each Kingdom includes living things that have certain characteristics



Kingdoms

- ◆ Animalia—multicellular; cannot make their own food
- ◆ Monera—have no nuclei; bacteria and blue-green algae
- ◆ Protista—one-celled organisms that have a nuclei
- ◆ Plants—multicellular; make their own food
- ◆ Fungi—multicellular; parasites or saprophytes that live off of other living things and have nuclei

Phylums

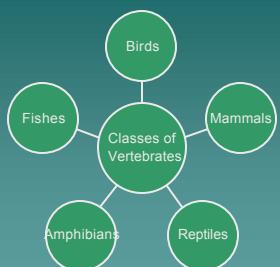


◆ Vertebrates are animals with backbones.
Phylum: Chordata



◆ Invertebrates have no backbone.
Phylum: Invertebrates

Class



Order



◆ Some of the Orders of animals are: Carnivora, Sauria, Primates, Rodentia, and Marsupialia.

Family, Genus and Species

- ◆ Family, Genus and Species names get even more specific.
The Genus will generally tell you what type of animal it is (bear, dog, cat, etc.)
The Species tells exactly which kind of animal it is (panda bear, polar bear, house cat, etc.)



Other Ways to Classify Animals

- ◆ May be classified as consumers, producers or decomposers
- ◆ May be classified as carnivores, herbivores or omnivores
- ◆ May be classified as wild or domestic
- ◆ May be classified as warm-blooded or cold-blooded

THERE ARE ENDLESS WAYS TO
CLASSIFY LIVING THINGS!

Food Chains



- ◆ The passage of energy and materials in the form of food from producers to consumers
- ◆ Leaf → Worm → Bird → Cat

