Chapter 6 Lesson 1 Outline

Vocabulary

Classification- the process of grouping similar things together

Kingdom- a major, large group of similar organisms

Species- A single kinds of organism that can reproduce among its own kind

1. Classification

* Classification is grouping together based on their similarities.
  + Just like how our dishes are organized in the kitchen
* Scientists use classification to group organisms by how they look, live, eat, move, grow, change and reproduce

1. Grouping Living Things

* When scientists discover something new, they can compare it to other things that have been classified already.
* Living things are classified into different Kingdoms. This way they are all grouped under one name.
  + Kingdom-Animal, Bacteria, Fungi, Protist, and Plant

Smaller Groups

* As scientists classify organisms into groups, the smaller the group- the more they have in common.
* Organisms can be grouped in this order:
  + Kingdom
  + Phylum
  + Class
  + Order
  + Family
  + Genus
  + Species
* The 2 smallest groups are genus ­­­and species.
* Scientists use a scientific name when talking about organisms. This helps them know what type of organism they are talking about.