**Plant and Animal Classification**

**Standards**

**S5L1.** Obtain, evaluate, and communicate information to group organisms using scientific classification procedures. a. Develop a model that illustrates how animals are sorted into groups (vertebrate and invertebrate) and how vertebrates are sorted into groups (fish, amphibian, reptile, bird, and mammal) using data from multiple sources.

**S5L1.** Obtain, evaluate, and communicate information to group organisms using scientific classification procedures. b. Develop a model that illustrates how plants are sorted into groups (seed producers, non- seed producers) using data from multiple sources.

**Vocabulary**

* Vertebrates
* Invertebrates
* Classification
* Vascular
* Non-vascular
* Seed producers
* Non-seed producers

**Key Concepts**

* How do scientists classify living organisms?
* Why is classification important?
* What is the difference between a vertebrate and an invertebrate?
* What are the 5 groups of vertebrates?
* What types of animals make up the invertebrate?
* How can you distinguish the differences and similarities between vascular and nonvascular plants?