Chapter 6 Lesson 3 Outline

Vocabulary

1. Nonvascular plant- a plant without transport tubes to carry water and nutrients throughout the plant.
2. Vascular plant- A plant with tubes to carry nutrients and water throughout the plants.
3. Xylem- Vascular tissue that carries water and nutrients from roots to the other parts of the plant.
4. Phloem- Vascular tissue that carries food from leaves to other parts of the plants.
5. Gymnosperm- A vascular plant that produces seeds that are not surrounded by a fruit.
6. Angiosperm- A flowering plant whose seeds are surrounded by a fruit.
7. Nonvascular and Vascular Plants
   * Nonvascular plants are things like moss
   * They do not have roots, they do not have leaves, and they do not have any tissue to carry nutrients through the plant.

Nonvascular Plants

* + Water is what transports nutrients in nonvascular plants.
  + The water takes nutrients from cell to cell.
  + No water = dried out plant🡪 turns brown
  + Vascular Plants have tissue that support the plant. They also have roots, stems, and leaves.
  + There are 2 types of vascular tissue
    - 1. Xylem 🡪 carries water from the roots
      2. Phloem 🡪 carries food from the leaves
  + Vascular plants can range from tiny plants like duckweed to giant redwood trees. They also include cacti. ­­­

1. Seed and Vascular Plants