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