Plant Vocabulary Test

Test: Thursday, October 6th

\*The test will consist of multiple choice and matching.

1. **roots**: The roots of a plant soak up vitamins and minerals. They also store food for the plant.

2. **leaves**: The leaves make food (sugar) for the plant. They also take in carbon dioxide and release oxygen in the air that humans and animals breathe.

3. **stem**: The stem supports the plant. It has many thin tubes that carry water, minerals, and food through the plant.

4. **flower**: A flower is the part of a plant that makes seeds.

5.  **fruit**: Some plants have fruits. Fruits protect and hold the seeds of the plant. Many animals eat fruits, which can help the seeds spread to different areas.

6. **chlorophyll**: Chlorophyll is a green pigment that is found in plants’ leaves. It helps the plant make food.

7. **photosynthesis**: Photosynthesis is the process that plants use to make food. During photosynthesis, the plant turns sunlight, chlorophyll, and carbon dioxide into food (sugar) and oxygen.

8. **sugar**: Sugar is the type of food that plants make in their leaves. Sugar is also called glucose.

9. **oxygen**: Oxygen is a type of gas (air) given off during photosynthesis. People and animals need oxygen to breathe.

10. **carbon dioxide**: A type of gas (air) needed by plants for photosynthesis. Plants use up carbon dioxide and produce oxygen. People and animals create much of the carbon dioxide that plants need to stay alive.

11. **nonvascular plant:** A plant without transport tubes to carry water and nutrients throughout the plant. They do not have true roots, but they are anchored in the ground by small, rootlike structures. They have parts that look like stems, but they aren’t true stems. They have small leaflike structures that make food, but they aren’t true leaves because they don’t have veins. Nonvascular plants absorb water and nutrients from their surrounds. This is why they grow close to the ground.

**Vascular plant**: A plant with tubes to carry nutrients and water throughout the plant. These plants can grow very tall because they have roots, stems, and leaves. Vascular plants have two types of vascular tissues that carries water and nutrients throughout the plant.

**Xylem**: Vascular tissue that carries water and nutrients from roots to other parts of a plant in vascular plants.

**Phloem**: Vascular tissue that carries food from leaves to the rest of the plant.

\*Two types of Vascular Plants: gymnosperm and angiosperm

**Gymnosperm**: A vascular plant that produces seeds that are not surrounded by a fruit.

**Angiosperm**: A flowering plant whose seeds are surrounded by fruit.