

Name _____

Study Guide for Chapter 1: Plants

It is important to review your journal notes, vocabulary worksheet, other lesson worksheets, and labeled drawings in preparation for the test. All work that was turned in and graded has been handed back to you to use for studying purposes.

Concepts to Know:

Conifer	Seed Plant
Flowering Plant	Non-Seed Plant
Stem	Photosynthesis
Leaves	Pollination
Tap Root	Fertilization
Fibrous (Hair) Root	Germination

The Role of...

Roots - holds the plant in the ground, absorbs water, and stores food & minerals

Stems - supports the plant, moves water from roots to leaves, and moves food & minerals

Draw and Label:

Be prepared to draw and label the following key items

- **Parts of a Plant** - roots, stem, leaves, and flowers
- **Two Types of Roots** - tap and fibrous
- **Parts of a Flower** - sepals, petals, ovary/ovule/egg, pistil, stamen, pollen
- **Life Cycle of a Plant** - dormant seed to germinating seed, to seedling

Short answer: Use complete sentences to answer the following items in paragraph form. These questions can be answered on lined paper **BEFORE** the test using your book, journal notes, worksheets, and a caring adult. Answered questions can be brought to class on the day of the test and attached to the test paper.

1. What is pollination and how does it occur?
2. What is fertilization and how does it occur?
3. Explain photosynthesis or how leaves make food for the plant. (use keywords like chlorophyll, carbon dioxide, sunlight, sugar, oxygen, etc.)