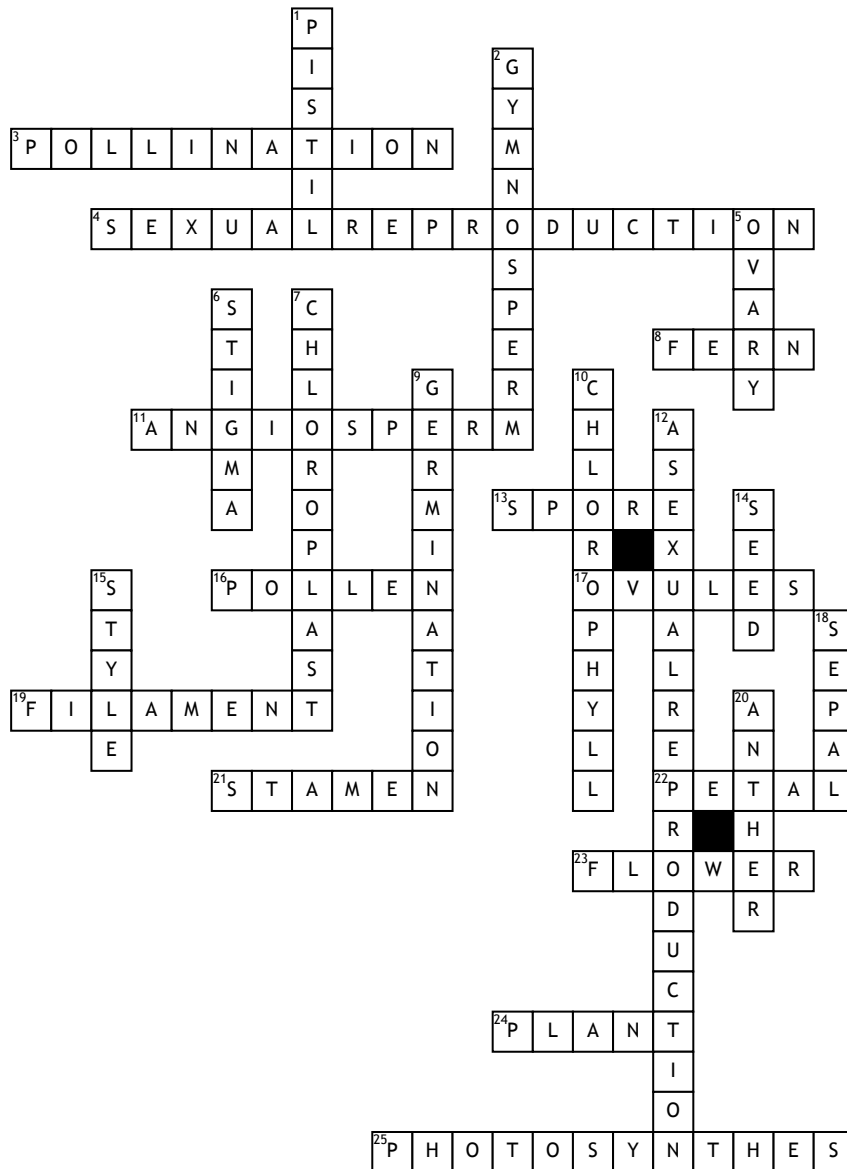Name: _____ Date: _____ Period: _____

# Chapter 2: Plant Vocabulary



## Across
**3.** the transfer of pollen from the stamen (male) to the stigma (female)
**4.** a biological process by which plants create offspring by combining their genetic material
**8.** plants without flowers that use spores instead of seeds to reproduce
**11.** a plant that uses flowers to reproduce
**13.** a reproductive cell that can grow into a new organism without fertilization
**16.** a yellow powder produced by the stamen of a flower
**17.** a small body that contains the female reproductive cell of a plant
**19.** the part of a flower's stamen
**21.** male reproductive organ of a flower that produces pollen

**22.** one of the often brightly colored leaves of a flower
**23.** the reproductive structure of a plant where fertilization takes place
**24.** made up of many cells; makes its own food through photosynthesis
**25.** the process in which plants use the energy in sunlight to make food

## Down
**1.** the female reproductive organ of a flower that can be fertilized by pollen.
**2.** seed plants that produce "naked" seeds not enclosed in an ovary
**5.** in the flowering plants, is a part of the female reproductive organ of the flower
**6.** the part of a flower's pistil that receives pollen and the pollen grain germinates

**7.** an organelle in a plant cell that turns energy from the sun into chemical energy for the plant to use
**9.** the process in which a young plant sprouts from a seed
**10.** a green pigment that traps energy from the sun used to photosynthesize
**12.** reproduction not requiring fertilization
**14.** a plant structure that contains a young plant, food supply, and protective coating
**15.** the part of the flower's pistil that is a long, slender stalk that connects the stigma and the ovary
**18.** a part of a plant, shaped like a leaf, that lies at the base of a flower
**20.** the part of a flower's stamen that contains the pollen