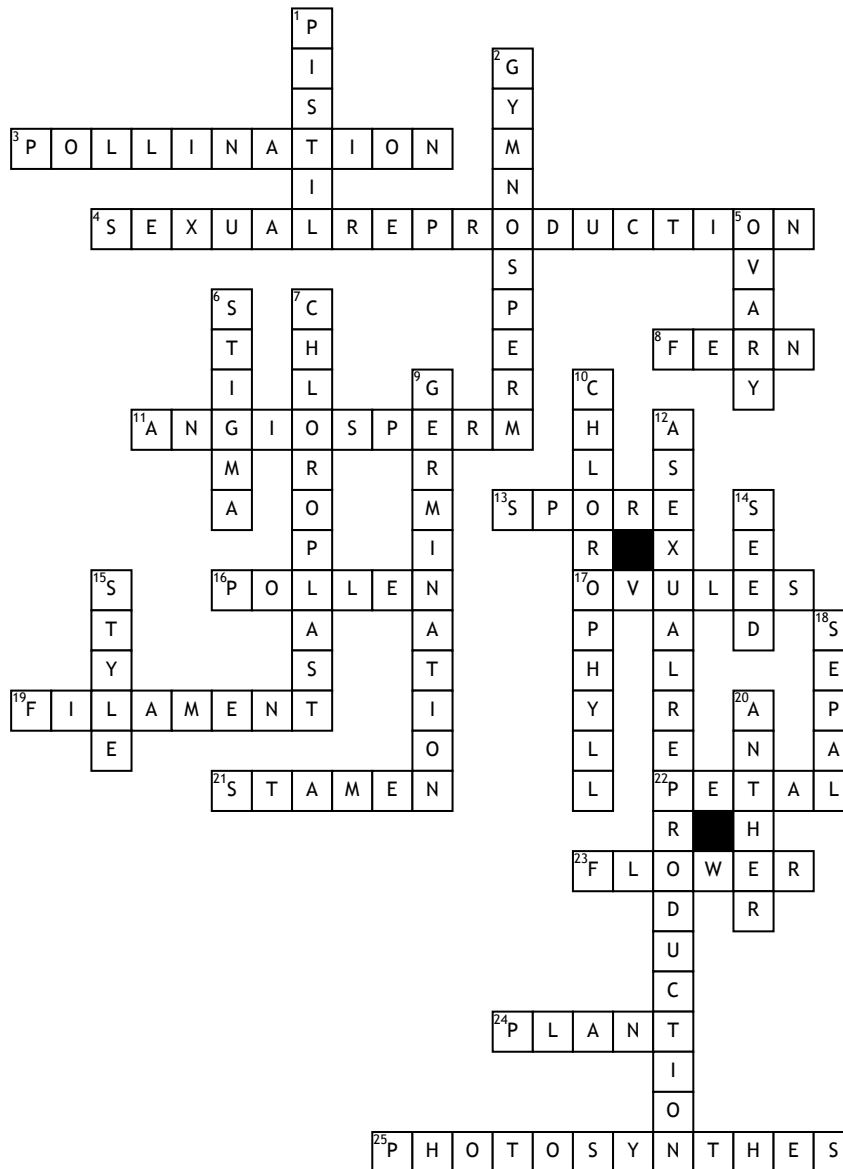


Chapter 2: Plant Vocabulary



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