

- 1. axis:** the imaginary straight line that something (such as the earth) turns around
- 2. bacteria:** a very small, single-celled living thing
- 3. cell division:** a biological process by which a cell divides into two or more cells
- 4. cellulose:** a substance that is the main part of the cell walls of plants
- 5. consumer:** a person who buys goods and services
- 6. crop rotation:** the practice of growing a series of different types of crops in the same area across a sequence of growing season
- 7. evaporation:** to change from a liquid into a gas
- 8. genetic:** belonging or relating to genes (parts of the DNA in cells) received by each animal or plant
- 9. George Washington Carver:** an agricultural scientist and inventor who developed hundreds of products using peanuts
- 10. harvest:** to gather (a crop)
- 11. hemisphere:** a half of the earth
- 12. kernel:** a whole seed
- 13. mechanization:** the introduction of machines or automatic devices into a process, activity, or place
- 14. nitrogen-fixing:** the process by which nitrogen is taken from its stable gas form in air and changes into other nitrogen compounds (such as ammonia, nitrate and nitrogen dioxide) useful for other chemical processes
- 15. peanut breeding:** the science of changing the traits of peanut plants in order to produce desired characteristics
- 16. peg:** the tip of the stem that bends downwards toward the soil and turns into a peanut pod underground
- 17. photosynthesis:** the process by which a green plant turns water and carbon dioxide into food when the plant is exposed to light
- 18. plasma membrane:** the membrane found in all cells that separates the interior of the cell from the outside environment (also called the cell membrane)
- 19. seed producers:** plants that reproduce through seeds
- 20. seedling:** a young plant that is grown from a seed
- 21. self-pollinate:** the pollination of a flower by pollen from the same flower or from another flower on the same plant
- 22. semipermeable:** capable of only having certain things get through it; allowing passage of certain, especially small, molecules or ions, but acting as a barrier to other items
- 23. yield:** to produce or provide (something, such as a plant or crop)