

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 seasons
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)