

# Biology Vocabulary Matching 18

Write the word that best matches each definition or clue.

1. \_\_\_\_\_ A substance (made of sugars) that is common in the cell walls of many organisms.
2. \_\_\_\_\_ A green pigment found in the chloroplasts of plants, algae, and some bacteria.
3. \_\_\_\_\_ Process that releases energy by breaking down glucose and other food molecules in the presence of oxygen.
4. \_\_\_\_\_ Threadlike structures made of DNA molecules that contain the genes.
5. \_\_\_\_\_ The starches and sugars present in foods.
6. \_\_\_\_\_ Study of plants.
7. \_\_\_\_\_ Largest number of individuals of a population that an environment can support.
8. \_\_\_\_\_ Area of the brain responsible for all voluntary activities of the body.
9. \_\_\_\_\_ Clusters of DNA, RNA, and proteins in the nucleus of a cell.
10. \_\_\_\_\_ Area where the chromatids of a chromosome are attached.
11. \_\_\_\_\_ A rigid layer of nonliving material that surrounds the cells of plants and some other organisms.
12. \_\_\_\_\_ Substance that speeds up the rate of a chemical reaction.
13. \_\_\_\_\_ A soft tissue inside the bone that produces blood cells.
14. \_\_\_\_\_ An organelle found in plant and algae cells where photosynthesis occurs.
15. \_\_\_\_\_ Reactions of photosynthesis in which energy from ATP and NADPH is used to build high-energy compounds such as sugars.

cellulose

chloroplast

bone marrow

botany

cell wall

carbohydrates

carrying capacity

centromere

chromosomes

catalyst

cerebrum

Calvin Cycle

chromatin

chlorophyll

cellular respiration