

Biology Vocabulary Matching 10

Write the word that best matches each definition or clue.

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

chromatin

cellular respiration

bone marrow

carbohydrates

chloroplast

chromosomes

Calvin Cycle

botany

centromere

carrying capacity

catalyst

chlorophyll

cellulose

cerebrum

cell wall