

Biology Vocabulary Study Sheet 2

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