

Biology Vocabulary Study Sheet 4

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| 1. ecosystem | A biological community of interacting organisms and their physical environment. |
| 2. ectothermic | Cold blooded. Cannot regulate its own body temperature. |
| 3. Electron Transport Chain | A sequence of electron carrier molecules (membrane proteins) that shuttle electrons during the redox reactions that release energy used to make ATP. |
| 4. endothermic | Absorbs heat. |
| 5. epidermis | Outer layer of skin. |
| 6. excretion | Process by which metabolic wastes are eliminated from the body. |
| 7. flagellate | To whip; to lash. |
| 8. fruit | A mature ovary of a flower that protects dormant seeds and aids in their dispersal. |
| 9. food chain | A series of steps in which organisms transfer energy by eating and being eaten. |
| 10. food web | A community of organisms where there are several interrelated food chains. |
| 11. gene | A segment of DNA on a chromosome that codes for a specific trait. |
| 12. genetics | The scientific study of heredity. |
| 13. genotype | Genetic makeup of an organism. |
| 14. gestation | Growth process from conception to birth. |
| 15. gonad | female or male reproductive organ that produces sex cells and hormones; ovary or testis. |