

6th Grade Science Vocabulary Study Sheet 1

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| 1. abiotic | Non-living. |
| 2. asexual reproduction | Reproduction accomplished by a single organism. |
| 3. atom | Basic unit of matter; smallest component of an element. |
| 4. biodiversity | The variety of species living in a given area. |
| 5. biotic | Living. |
| 6. cell theory | The cell is the basic unit of life; it is the smallest unit that is still considered a living thing. All things living are made out of cells. |
| 7. compound | A pure substance made of two or more elements chemically combined. Example: NaCl, H ₂ O. |
| 8. conduction | The transfer of thermal energy from one substance to another through direct contact. |
| 9. conservation of energy | Energy cannot be created or destroyed. |
| 10. convection | The transfer of thermal energy by the circulation or movement of a liquid or gas. Heat rises and cold sinks. |
| 11. ecosystem | All the living and nonliving things that interact in an area. |
| 12. element | A pure substance made of only one kind of atom that cannot be broken down. |
| 13. energy transfer | Change of energy from one form to another, or the movement of energy from one object to another. |
| 14. experimental control | Variable that is not changed in an experiment; the normal state. |
| 15. force | A push or a pull. |
| 16. hypothesis | A testable prediction or possible explanation. |