

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# 6th Grade Elements and Compounds

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| 1. A pure substance that cannot be broken down chemically.   | A. pure substance   |
| 2. Naturally occurring materials found on earth such as mineral, rock, soil, and water                                       | B. Compound         |
| 3. A mixture of gases that surround the Earth  | C. atmosphere       |
| 4. The number written after an element symbol in a chemical formula that indicates the number of atoms of a specific element | D. Atmosphere       |
| 5. An element that occurs in all organic compounds and can be found in all forms of life                                     | E. chemical symbol  |
| 6. A shorthand representation of an element or compound using chemical symbols   | F. chemical formula |
| 7. a substance made up of only one type of atom or one type of mixture   | G. Biosphere        |
| 8. One or two letter abbreviation representing a chemical element  | H. Carbon           |
| 9. a substance that consists of 2 or more combined in a set ratio  | I. Earth materials  |
| 10. The layer of gas surrounding a planet that is held in place by gravity   | J. subscript        |
| 11. The sum of all living matter on Earth  | K. element          |
| 12. A table in which all the known elements are arranged by properties and are represented by chemical symbols               | L. Periodic Table   |