

6th Grade Science Vocabulary Matching 7

Write the word that best matches each definition or clue.

1. CONDUCTION The transfer of thermal energy from one substance to another through direct contact.
2. CONVECTION The transfer of thermal energy by the circulation or movement of a liquid or gas. Heat rises and cold sinks.
3. ENERGY TRANSFER Change of energy from one form to another, or the movement of energy from one object to another.
4. EXPERIMENTAL CONTROL Variable that is not changed in an experiment; the normal state.
5. ABIOTIC Non-living.
6. ATOM Basic unit of matter; smallest component of an element.
7. FORCE A push or a pull.
8. CONSERVATION OF ENERGY Energy cannot be created or destroyed.
9. COMPOUND A pure substance made of two or more elements chemically combined. Example: NaCl, H₂O.
10. ELEMENT A pure substance made of only one kind of atom that cannot be broken down.
11. 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.
12. HYPOTHESIS A testable prediction or possible explanation.
13. BIODIVERSITY The variety of species living in a given area.
14. BIOTIC Living.
15. ASEXUAL REPRODUCTION Reproduction accomplished by a single organism.
16. ECOSYSTEM All the living and nonliving things that interact in an area.

abiotic

conduction

cell theory

biotic

hypothesis

atom

ecosystem

conservation of energy

convection

biodiversity

element

force

compound

experimental control

energy transfer

asexual reproduction