

Chapter 2 The Chemistry of Life

Vocabulary Review

Crossword Puzzle Use the clues below to fill in the spaces in the puzzle with the correct words.

Across

1. elements or compounds that enter into a chemical reaction
4. process that changes one set of chemicals into another
7. positively charged subatomic particle
8. substance formed by the chemical combination of two or more elements in definite proportions
11. positively and negatively charged atoms
12. carbon compound that stores and transmits genetic information
14. the center of an atom
16. bond formed when electrons are shared between atoms
17. macromolecule formed when monomers join together

Down

2. negatively charge subatomic particle
3. compound that produces hydroxide ions in solution
5. bond formed when one or more electrons are transferred from one atom to another
6. monomer of nucleic acid
9. monomer of protein
10. compound that forms hydrogen ions in solution
13. atom of same element that differs in number of neutrons compared to other atoms of the element
15. basic unit of matter

