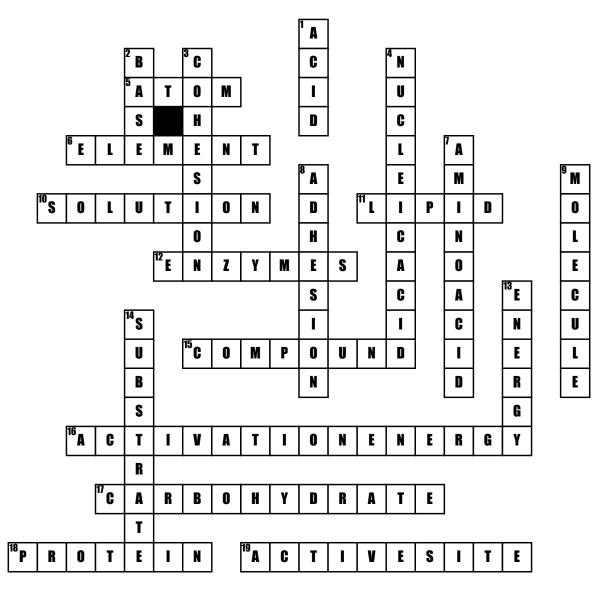
Unit 2- Chemistry of Life



Across

- **5.** The smallest unit of matter(cannot be broken down by chemical means)
- **6.** A substance made of only one kind of atom (a pure substance)
- 10. A mixture in which one or more substances are evenly ditributed in another substance
- 11. Nonpolar molecules that are not soluble in water
- **12.** Substances that increase the speed of chemical reactions
- **15.** A substance made of the joined atoms of two or more different elements

- **16.** The energy needed to start a chemical reaction
- **17. Organic compound made of carbon, hydrogen, and oxygen atoms in proportion of 1:2:1**
- **18.** A chain of amino acids linked together
- **19.** Pockets formed by deep folds in large protein

Down

- 1. Compounds that form hydrogen ions when dissolved in water
- 2. Compounds that reduce the concentration of hydrogen ions in a solution

- **3.** An attraction between substances of the same kind
- 4. A long chain of nucleotide
- 7. The building blocks of protein
- **8.** An attraction between different substances
- **9.** A group of atoms held together by covalent bonds
- **13.** The ability to move or change matter
- **14.** A substances on which an enzymes acts during chemical reaction