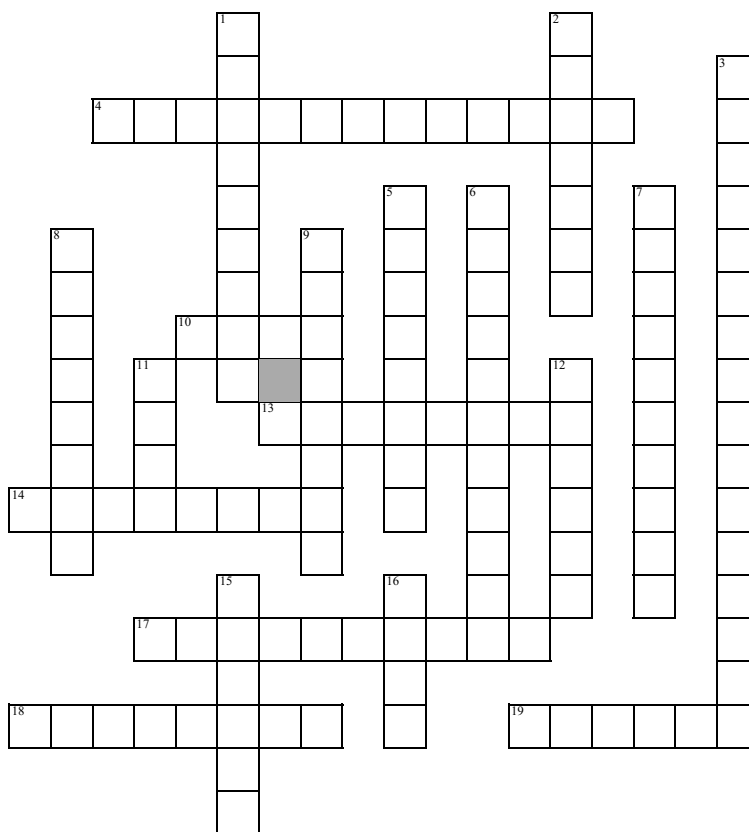


# Chemistry of Life



## Across

4. Molecular compounds made from just three elements, carbon, hydrogen, and oxygen
10. The basic unit of a chemical element
13. A substance in which the particles are spread out evenly
14. The sticking together of alike molecules
17. The building blocks of protein. Only 20 of these.
18. A molecule composed of polymers of amino acids joined together by peptide bonds
19. The strength and vitality required for sustained physical or mental activity

## Down

1. A substance or layer that underlies something or on which some process occurs in particular
2. A substance that cannot be decomposed into simpler substances by chemical means
3. The minimum quantity of energy that the reacting species
5. A tiny or very small piece of something
6. DNA and RNA
7. A region on an enzyme that binds to a protein or other substances during a reaction
8. The force of attraction between unlike molecules
9. A substance formed when two or more chemical elements are chemically bonded together.
11. A substance that accepts protons from acids
12. A substance produced by a living organism that acts as a catalyst to bring about reactions
15. A group of naturally occurring molecules that include fats, waxes, and steroids
16. Any class of compounds that form hydrogen ions when dissolved in water