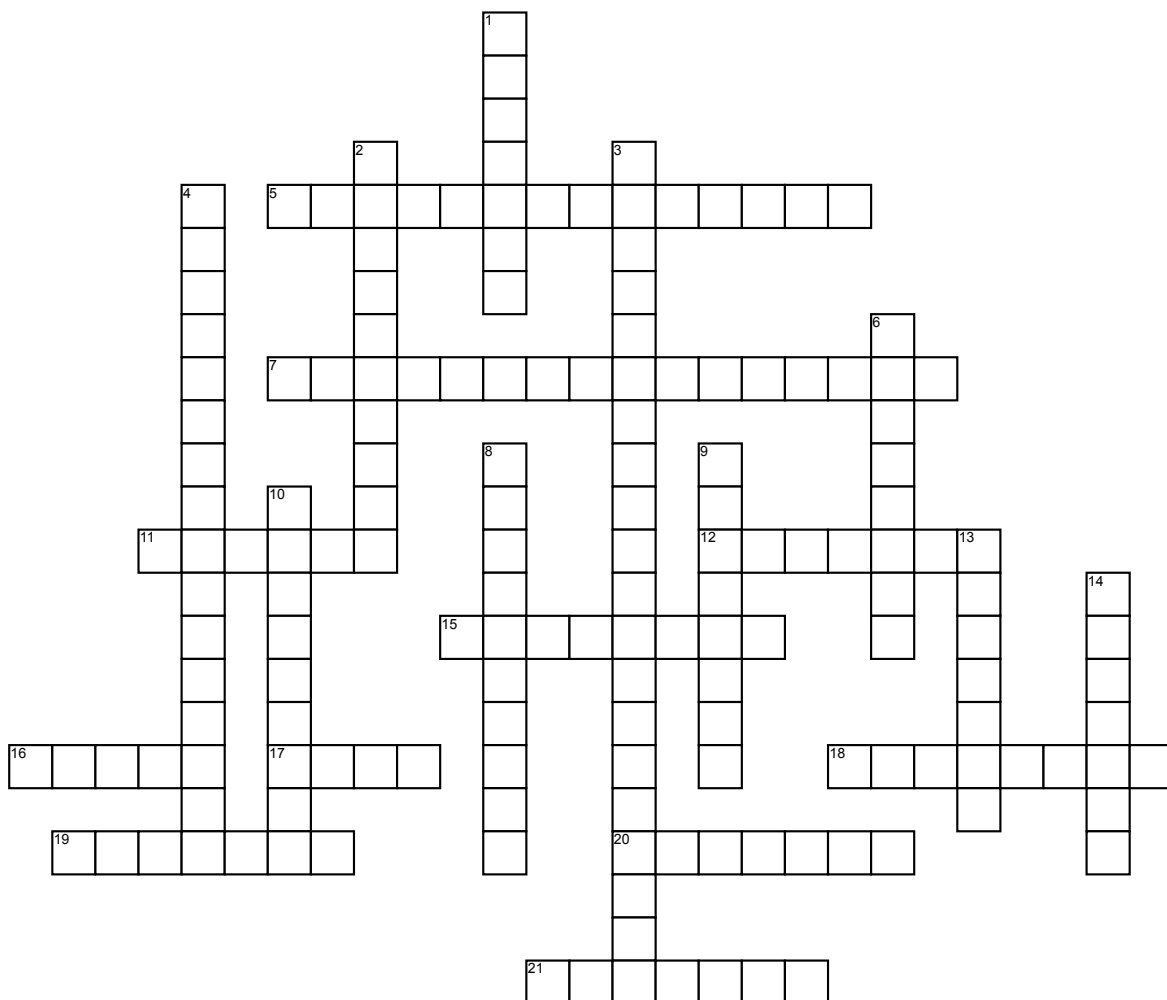


# Unit 1 Chemistry of Life Crossword



## **Across**

5. giant molecules formed by polymerization and joining monomers into polymers  
 7. process that changes one set of chemicals into another  
 11. substance dissolved  
 12. two or more elements physically mixed together  
 15. attraction of molecules of the same substance  
 16. uneven distribution of electrons between atoms  
 17. basic unit of matter  
 18. attraction of molecules of different substances

19. large compound formed from combinations of many monomers  
 20. substance consisting entirely of one type of atom  
 21. a measurement system used to indicate the concentration of H<sup>+</sup> ions in a solution

## **Down**

1. small unit that can join together with other small units to form polymers  
 2. part of an enzyme that connects with the substrate  
 3. chemical reaction that joins monomers by removing water

4. energy needed to start a reaction  
 6. smallest unit of most compounds; formed by covalent bond  
 8. addition of water to separate the polymer  
 9. substance formed by the chemical combination of two or more elements in definite proportions  
 10. reactant of an enzyme-catalyzed reaction  
 13. a protein that acts as a biological catalyst  
 14. atoms of the same element that differ in the number of neutrons