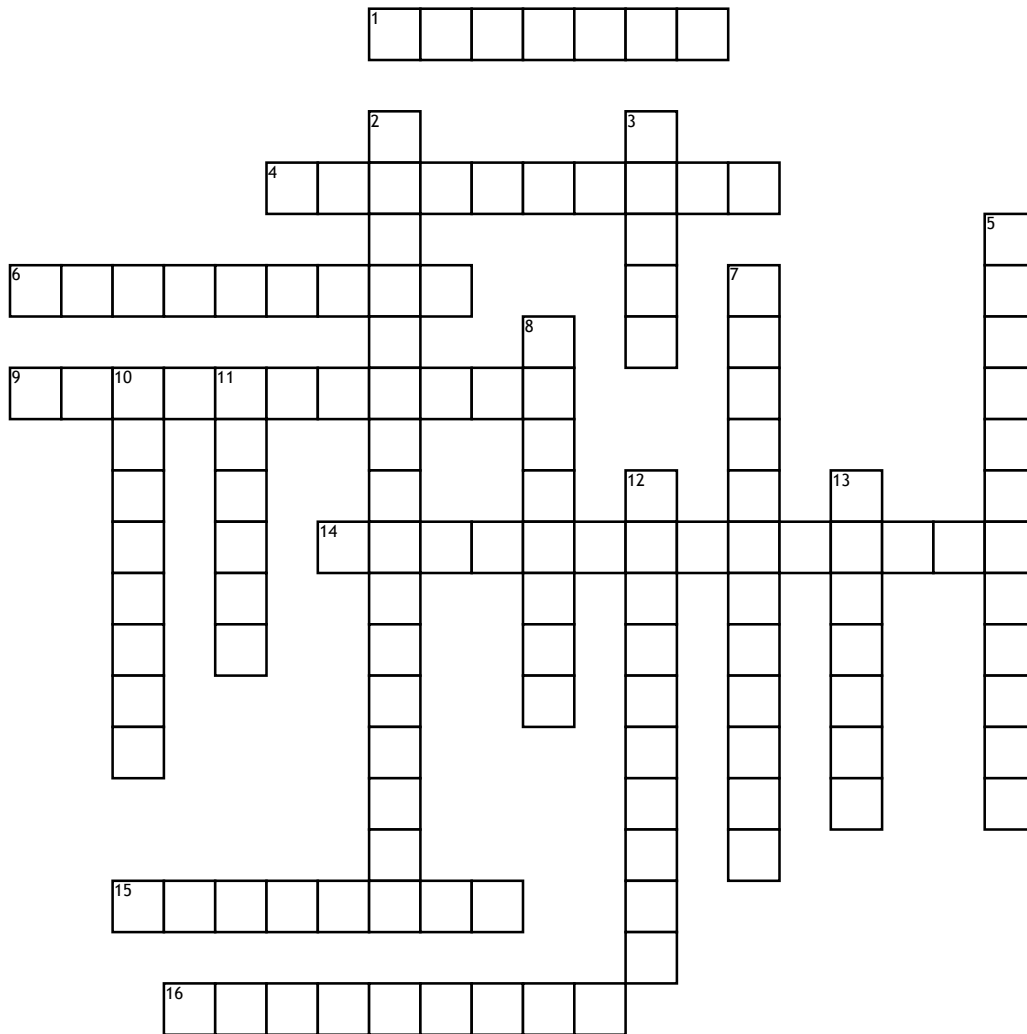


# Unit 2- Biology



## Across

1. small molecule that reacts with a similar molecule to form a larger one  
 4. basic structural units of nucleic acid  
 6. building blocks of protein  
 9. carry genetic blue print of a cell  
 14. sugars used by organisms for energy  
 15. substance capable of initiating or speeding up in a chemical reaction

16. building blocks of the fat in our bodies and in the food we eat

## Down

2. energy required to start a reaction  
 3. oily or waxy organic molecule found in all living things  
 5. electromagnetic attraction between polar molecules in which hydrogen is bound to a larger atom  
 7. molecular compounds made from carbon, hydrogen, and oxygen

8. joining of 2 different substances due to attractive forces that hold them together

10. sticking together of alike molecules  
 11. molecules that speed up the rate of chemical reactions in cells  
 12. region of an enzyme where substrate molecules bind and undergo a chemical reaction  
 13. substance that has amino acids, compounds, carbon, hydrogen, oxygen, nitrogen, and sometimes sulfur

## Word Bank

nucleic acid  
 enzyme  
 fatty acid  
 lipid

nucleotide  
 active site  
 amino acid  
 monosaccharide

hydrogen bond  
 monomer  
 protein  
 cohesion

carbohydrate  
 catalyst  
 adhesion  
 activation energy