

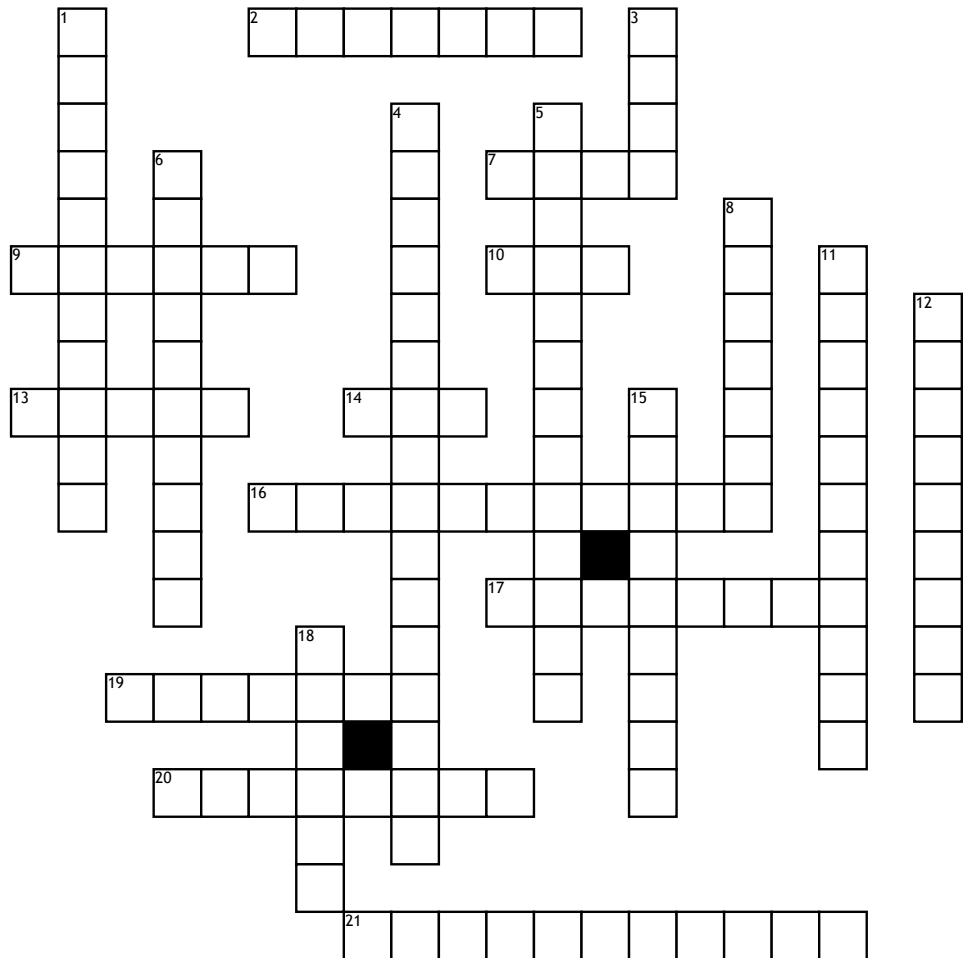
# DNA, RNA, Protein Synthesis crossword

## Across

2. a nitrogen base that pairs with cytosine  
 7. brings amino acids from cytoplasm to a ribosome  
 9. in DNA its place is taken by thymine  
 10. contains uracil and is single-stranded  
 13. set of three bases  
 14. type of macromolecule that is a nucleic acid  
 16. built from a large number of amino acids  
 17. a sphere-shaped structure within the cytoplasm of the cell that is composed of RNA and protein and is the site of protein synthesis  
 19. this is paired with thymine in double-stranded DNA  
 20. it is paired with guanine in double-stranded DNA  
 21. the second step of protein synthesis that changes RNA into proteins

## Down

1. the "D" in DNA  
 3. messenger RNA, is a subtype of RNA  
 4. process by which the genetic code puts together proteins in the cell



5. the first step of protein synthesis that changes DNA into RNA  
 6. a compound consisting of a nitrogen base, sugar and a phosphate group  
 8. this pairs with adenine in double-stranded DNA  
 11. the shape of DNA  
 12. opposite of codon  
 15. the building blocks of all biological proteins  
 18. type of sugar RNA is

