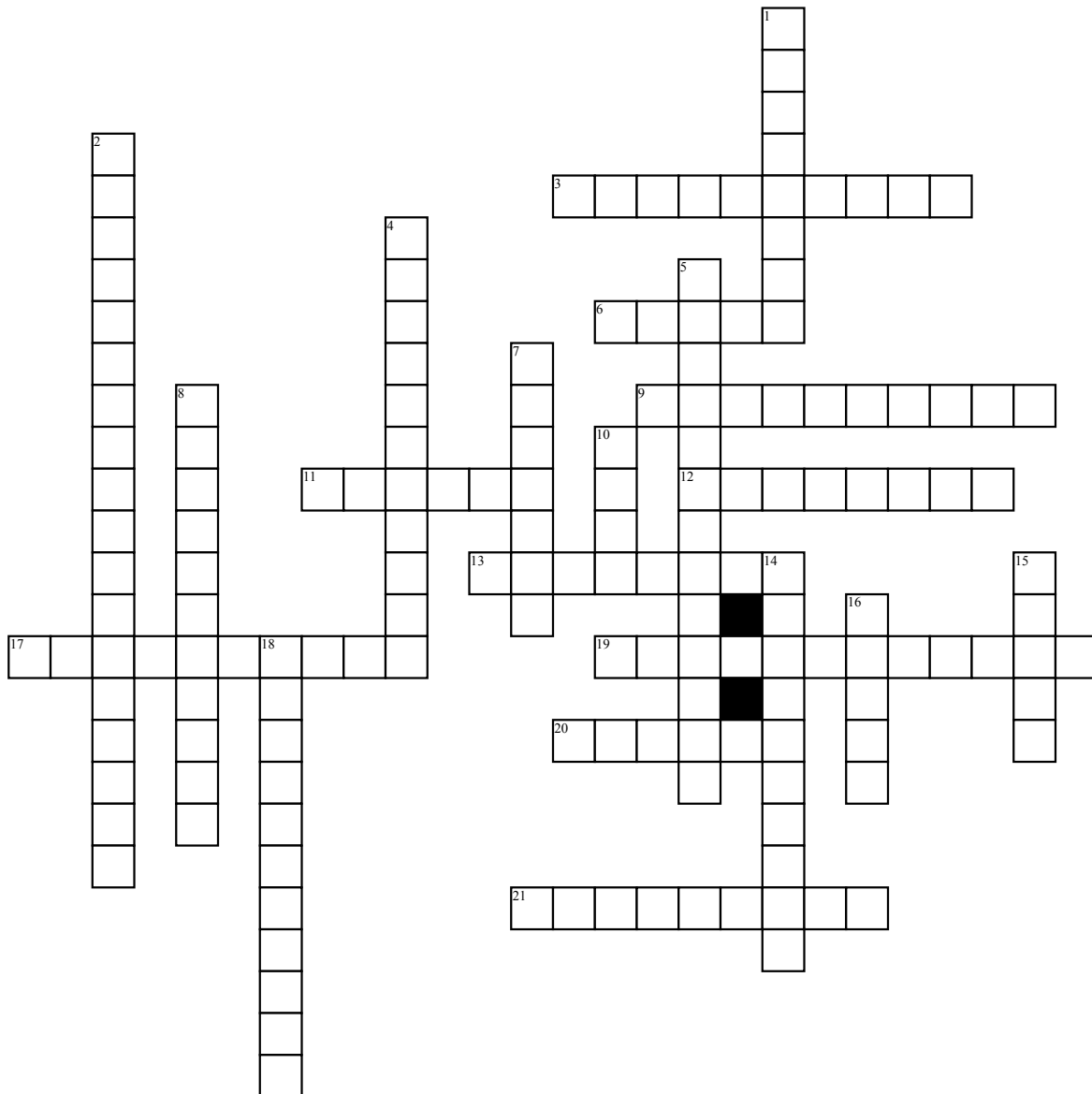


# DNA Crossword



## Across

3. What is it called when a letter on RNA is deleted or inserted causing the sequence to shift?  
 6. How many bases are in a codon?  
 9. What is it called when the helicase enzyme unzips the DNA resulting in two template strands?  
 11. In RNA thymine is replaced by what?  
 12. Who made the discovery that DNA had a 1:1 ration between base pairs? (use person's last name)  
 13. What is essential for evolution to occur?

17. What is the second step in replication?  
 19. BONUS: What organelle is referred to as the power house of the cell?  
 20. What is the sugar in RNA called?  
 21. tRNA can also be referred to as the...

## Down

1. Where does translation take place?  
 2. A method used to separate DNA and RNA is...  
 4. What is it called when DNA polymerase hits a stop sequence?  
 5. mRNA is made during what process?

7. Where does transcription take place?  
 8. What word can be used to describe how every codon codes for a specific amino in the genetic code?  
 10. What is used to carry the genetic code from DNA to the ribosome?  
 14. The monomer of DNA is a...  
 15. Who coined the term "Central Dogma"? (use person's last name)  
 16. What do you read to find the amino acid of an RNA sequence?  
 18. What helps translate the information embedded in DNA and RNA into amino acids and proteins?