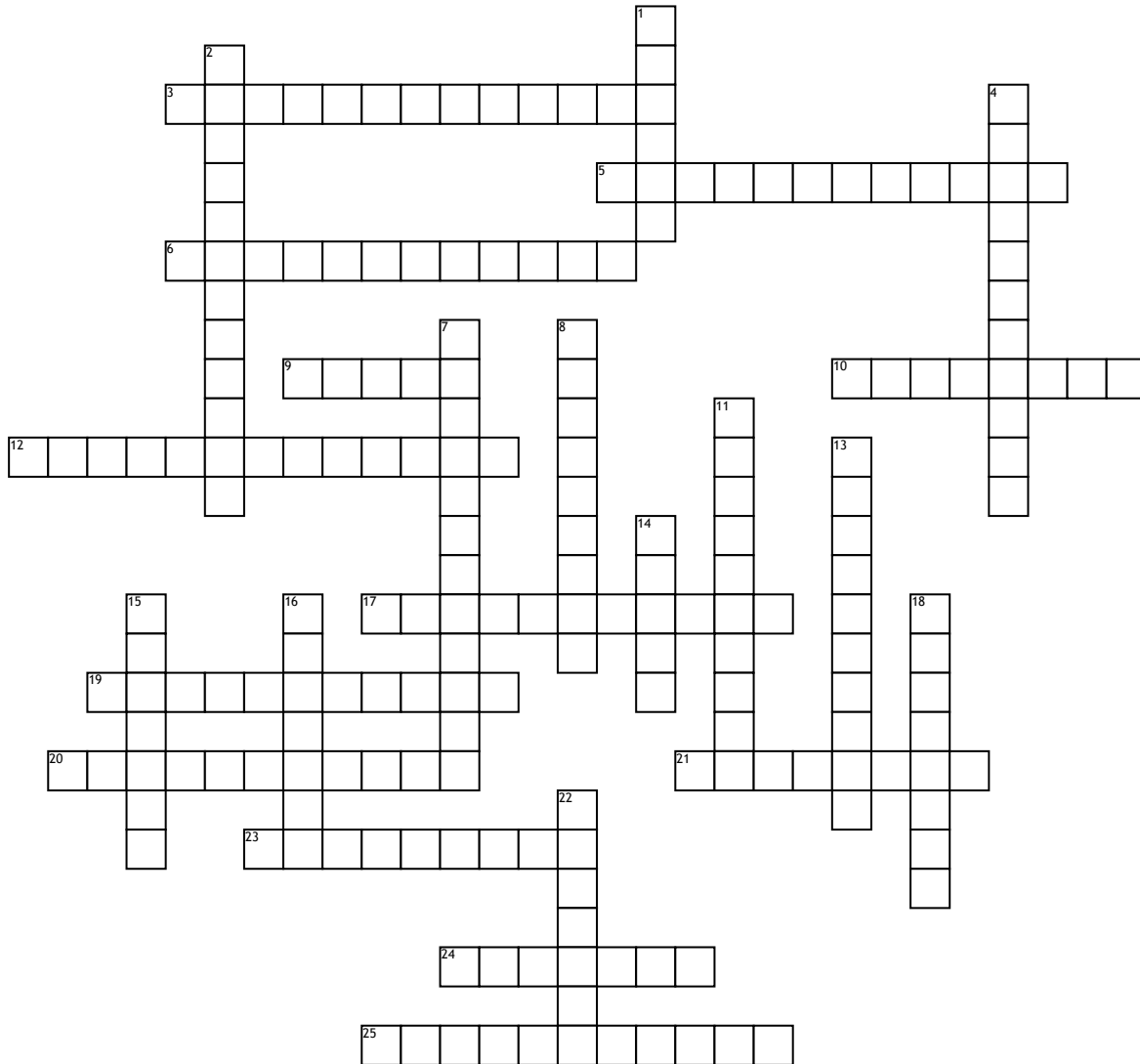


# Beautiful Biological Breadth!



## Across

3. The process of making an mRNA copy of the gene  
 5. The formation of a bond with the loss of a molecule of water  
 6. A network of protein filaments which support or move organelles within a cell  
 9. An organelle responsible for processing and packaging proteins  
 10. The type of bond joining water molecules due to their polarity  
 12. Bacterial cell walls are made from this  
 17. The process of making a protein from mRNA templates  
 19. Water loving  
 20. The sugar in DNA

21. The level of protein structure which determines the 3D shape  
 23. An organelle containing bundles of microtubules involved in cell division  
 24. When repeated results are close together they are \_\_\_\_\_  
 25. The variable that is changed in an experiment

## Down

1. This type of error is reduced when the experiment is repeated  
 2. the type of lipid with three hydrocarbon chains  
 4. Organisms without membrane-bound organelles  
 7. The type of molecule formed when two sugars join. Sucrose is an example  
 8. The scale used in the eyepiece of a microscope to measure specimens

11. The repeating unit of structure in DNA  
 13. Breaking a bond by the addition of a molecule of water  
 14. The name of the bond joining a fatty acid to glycerol in a lipid  
 15. The component of starch which is formed of spiral chains of glucose  
 16. The name of the bond joining amino acids in a polypeptide  
 18. A result close to the true value  
 22. A sac formed by a membrane used to transport materials in the cell