



**Year 12 Biology Mock – June 2025**  
2 x 1 hour 30 minute papers

<b>Common Content to both papers</b>	<b>R</b>	<b>A</b>	<b>G</b>
Monomers and polymers			
Carbohydrates			
Lipids			
Proteins			
Nucleic acids are important information carrying molecules			
ATP			
Water			
Inorganic ions			
Cell structure			
All cells arise from other cells			
Transport across cell membranes			
Cell recognition in the immune system			
Surface area to volume ratio			
Gas exchange			
Digestion and absorption			
Mass transport			
DNA, Genes, Chromosomes			
DNA and protein synthesis			
Genetic diversity can arise as a result of mutation during meiosis			
Genetic diversity and adaptation			
Species and taxonomy			
Biodiversity within a community			
Investigating diversity			

Topics 1-4 from this specification: <https://cdn.sanity.io/files/p28bar15/green/98cdb01fb651d63df2ab345a2547774092b43bbc.pdf>