

BIOLOGY PAL CURRICULUM CONTENT OVERVIEW

Autumn Term 1	Spring Term 1	Summer Term 1
• Biological Molecules	• Classification and Biodiversity	• Energy for Biological Processes
• Cells, Viruses and Reproduction of Living Things	• Understand systems of classification	• Photosynthesis
• Cell Structure and Organization	• Biodiversity	• Respiration
Autumn Term 2	Spring Term 2	Summer Term 2
• Cells, Viruses and Reproduction of Living Things	• Exchange and Transport	• Revision
• Cell Division and Genetics	• Gas Exchange	
• Genetic Information and Protein Synthesis	• Transport Systems in Plants and Animals	
• Sexual reproduction in plants and mammals		

BIOLOGY TAL CURRICULUM CONTENT OVERVIEW

Autumn Term 1	Spring Term 1	Summer Term 1
• Microbiology and Pathogens	• Ecosystems	• Revision
• Microbiology and pathogens	• Ecosystems and Sustainability	
• Pathogens and response to infection		
• Modern Genetics & Topic 8: Origins of Genetic Variation		
• Origins of genetic variation		
• Transfer of genetic information; gene pools		
Autumn Term 2	Spring Term 2	Summer Term 2
• Control Systems	• Revision	• Revision/exams
• Nervous and Hormonal Communication		
• Responding to the Environment		