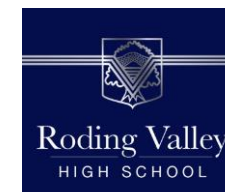


Biology Curriculum Overview Key Stage 5



Subject and year group:	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1
Topic/Unit to be studied	Section 1: Biological molecules Section 2: Cells		Section 3: Organisms exchange substances with their environment. Section 4: Genetic information, variation and relationships between organisms		Revision and AS exams
Subject Content Outline	Section 1: <ul style="list-style-type: none"> Biological molecules Nucleic acids 	Section 2: <ul style="list-style-type: none"> Cell structure Transport across cell membranes Cell recognition and the immune system 	Section 3: <ul style="list-style-type: none"> Exchange Mass transport 	Section 4: <ul style="list-style-type: none"> DNA, genes and protein synthesis Genetic diversity Biodiversity 	
Aims/Assessment Objectives	AO1: Demonstrate knowledge and understanding of scientific ideas, processes, techniques and procedures. AO2: Apply knowledge and understanding of scientific ideas, processes, techniques and procedures: <ul style="list-style-type: none"> In a theoretical context In a practical context When handling qualitative data When handling quantitative data AO3: Analyse, interpret and evaluate scientific information, ideas and evidence, including in relation to issues, to: <ul style="list-style-type: none"> Make judgements and reach conclusion Develop and refine practical design and procedures. 				
Assessment	Mid- topic assessment, end of topic assessment, required practical's	Mid- topic assessment, end of topic assessment, required practical's November Assessment	Mid- topic assessment, end of topic assessment, required practical's December Exam	Mid- topic assessment, end of topic assessment, required practical's March PPE	Mid- topic assessment, end of topic assessment, required practical's
Cross curricular opportunities	Mathematics, ICT, English, History, Geography, Food Technology, Design Technology, PE, Citizenship				

Social, Moral, Spiritual, Cultural	Wider issues (for example, spiritual, moral, ethical, social, legal, sustainable development, economic and cultural issues), including those relevant to the education of candidates at Key Stage 5, have been taken into account when preparing this specification. They will only form part of the assessment requirements where they are relevant to the specific content of the specification.				
Homework	Exam questions, practical write ups, QWC questions, targeted worksheets, research tasks	Exam questions, practical write ups, QWC questions, targeted worksheets, research tasks	Exam questions, practical write ups, QWC questions, targeted worksheets, research tasks	Exam questions, practical write ups, QWC questions, targeted worksheets, research tasks	Exam questions, practical write ups, QWC questions, targeted worksheets, research tasks