Y9 Curriculum Overview (2024-25)				
GROUP		BIOLOGY	CHEMISTRY	PHYSICS
Autumn Term (Approx 21 lessons per subject)	1	Cells and Micrscopes (lessons 1-9)	Atomic structure C1a (Lessons 1 to 8)	Energy stores & calculations (lessons 1-8)
	2			
	3			
	4	Assessment week	Assessment week	Assessment week
	5	Mitosis and the cell cycle (3 lessons)		Energy transfers, efficiency & resources (lessons 1-3)
	6			
	7			
	8			
OCT HT				
Autumn Term 2	1	Cell Transport (Lessons 1-7) Digestive system and Food tests (Lessons 1-3)	Periodic table (Lessons 1 to 7)	Energy transfers, efficiency & resources (lessons 4-6) AND Particle Model of Matter (lessons 1-4)
	2			
	3		Structure and Bonding (Lessons 1 to 6) *19(ish lessons this term)*	
	4			
	5			
	6			
	7			
XMAS				
Spring Term (Approx 15 lessons per subject)	1			
	2	Assessment week (1 lesson)	Assessment week (1 lesson)	Assessment week (1 lesson)
	3	Enzymes (lessons 4, 5, 6). Circulatory system and health (Lessons 1-8)	Structure and Bonding (Lessons 7 to 14)	Particle Model of Matter (lessons 5-8)
	4			
	5			
	6			
FEB HT				
Spring Term 2	1	Communicable diseases (Lessons 1-8)		Forces & Elasticity (lessons 1-9)
	2		Conservation of Mass (Lessons 1 to 5) *12 (ish lessons this term)*	
	3			
	4			
	5			
EASTER				
Summer Term (Approx 18 lessons per subject)	1	Communicable disease overspill and revision	Metals (Lessons 1 to 5)	Revision
	2			
	3			
	4	Assessment week	Assessment week	Assessment week
	5	DIRT work	DIRT Work	DIRT
	6			
MAY HT				
Summer Term 2	1	Ecology (Lessons 1-5)		Circuit Rules & Resistance (lessons 1-9)
	2		Energy changes (Lessons 1 to 5) *10 (ish lessons this term)*	
	3			
	4			
	5			
	6		Spare *44 (inc recall assessment)*	
	7			
	8			
SUMMER				

Y10 Curriculum Overview (2024-25)				
GROUP		BIOLOGY	CHEMISTRY	PHYSICS
Autumn Term 1	1	14/15 lessons	14/15 lessons	11/12 lessons
	2		Moles & Masses - Lessons 1-9[9]	
	3	Photosynthesis (6 lessons)		
	4	Organ systems in plants (3/4 lessons)		
	5	Plant disease and defence (1/2 lessons)	Reactions of Acids - Lessons 1-5[5]	Electricity Equations and mains (lessons 1-8) Triple only lessons Paper 1 (lessons 1-4) 12
	6		[14]	
	7			
	8			
OCT HT				
Autumn Term 2	1	12 lessons	12 lessons	9 lessons
	2	Respiration, metabolism and response to exercise (5 lessons)	Reactions of Acids - Lessons 6-10[5]	Triple only lessons paper 1 (lessons 5-7) Atomic structure (lessons 1-6) 9
	3		Electrolysis - Lessons 1-7[7]	
	4		[12]	
	5			
	6	Assessment week	Assessment week	Assessment week
	7	DIRT	DIRT	DIRT
XMAS				
Spring Term 1	1	12 lessons	12 lessons	9 lessons
	2		Electrolysis - Lessons 8-9[2]	
	3		Rates of Reaction - Lessons 1-7[7]	Atomic structure (lessons 7-13) Forces and Motion (lessons 1-2) 9
	4	Nervous system (Lessons 1-10)	Reversible Reactions and Equilibrium - Lessons 1-3[3]	
	5		[12]	
	6			
FEB HT				
Spring Term 2	1	8 lessons	8 lessons	6 lessons
	2		Reversible Reactions and Equilibrium - Lessons 4-6[3]	
	3	Endocrine system (lessons 1-8)	Crude Oil - lessons 1-5[5]	Forces & Motion (lessons 3-8) 6
	4		[8]	
	5	Assessment week (in class subject specific focus)	Assessment week (in class subject specific focus)	Assessment week (in class subject specific focus)
EASTER				
Summer Term 1	1	12 lessons	12 lessons	9 lessons
	2		Crude Oil - lesson 6 [1]	
	3		Organic Chemistry Lessons 1-7 [7]	
	4	Endocrine system (lessons 9-11) Plant hormones (Lessons 1-4)	Atmosphere and Human Impacts - Lessons 1-4 [4]	Forces & Motion (lessons 9-17) 9
	5		[12]	
	6			
MAY HT				
Summer Term 2	1	10 lessons	10 lessons	8/9 lessons
	2	Gametes and reproduction (Lessons 1-5)	Atmosphere and Human Impacts	Forces & Motion (lesson 18). Wave Properties (lessons 1-8) 9
	3		Lessons 5-8 [4] [4]	
	4	Assessment week	Assessment week	Assessment week
	5			
	6			
	7	Genetic inheritance (Lessons 1-4)		
	8		[62 lessons inc recall assessmnet]	
SUMMER				

Y11 Curriculum Overview (2024-25)

GROUP		BIOLOGY	CHEMISTRY	PHYSICS
Autumn Term 1	1	10 lessons	15 lessons	14 lessons
	2			
	3			
	4	Variation (Lessons 1-7)	Organic Chemistry (1-8)	Wave Types & Uses
	5	Evolution (Lessons 1-3)	Human Impacts (1-7)	(lessons 1-10) 10
	6			
	7			
	8	Y11 Mock Exams Paper 2		
OCT HT				
Autumn Term 2	1	Y11 Mock Exams Paper 2		
	2	9 lessons	15 Lessons	13/ 14 lessons Wave
	3			Types & Uses (lesson 11)
	4	Evolution (Lessons 4-7)	Analysis (1-8)	Magnetic Fields (lesson 1-6)
	5	Cycling in the environment	Haber Process (1-3)	Application of magnetic
	6	(Lessons 1-5)	Sustainability (1-4)	Fields (lessons 1-6) 13
	7			
XMAS				
Spring Term 1	1	7 lessons	10/11 Lessons	10 lessons
	2			
	3	Cycling in the environment	Sustainability (4-7)	Application of Magnetic
	4	(Lessons 6-10)	Water (1-4)	Fields (lesson 7) Space
	5			(lessons 1-7) 8
	6	Y11 Mock Exams Paper 1		
FEB HT				
Spring Term 2	1	Y11 Mock Exams Paper 2		
	2		10 Lessons	
	3			
	4	Ecosystems (Lesson 1-4)	REVISION	6 lessons
	5			
EASTER				
Summer Term 1	1	6 lessons	15 Lessons	8 lessons
	2			
	3			
	4		REVISION	
	5			
	6			
MAY HT				
Summer Term 2	1			
	2			
	3			
	4			
	5			
	6			
	7			
	8			
SUMMER				