



# SCIENCE

Curriculum Hours		Class Details			Assessments	Exam Board
<b>LS</b>	3 periods per week	<b>G1=7</b>	<b>G2=7</b>	<b>G3= 7</b>	KS3 periodic internal assessments	N/A
		AF	AF	AF		
<b>US</b>	3 periods per week	<b>G4=6 (Yr9)</b>		<b>G5=8 (Yr9)</b>	Yr 9 = KS3 periodic internal assessments and ELC tests and coursework	AQA
		RD		RD		
	3 periods per week	<b>G6=7 (Yr10)</b>		<b>G7=5 (Yr10)</b>	Yr 10 = Combined Science GCSE Periodic internal assessments	AQA
		RD		RD		
	4 periods per week	<b>G8=6 (Yr11)</b>	<b>G9=6(Yr11)</b>	<b>G10=5 (Yr11)</b>	Yr 11 = Combined Science GCSE Periodic internal assessments, mock exam and Summer Exam	AQA
		RD	RD	RD		

## LS Curriculum

	Year 6 Rotation 1	Year 7 Rotation 2	Year 8 Rotation 3
HT1	Movement Breathing	Evolution Inheritance	Speed Gravity
HT2	Energy Costs Energy Transfer	Wave effects Wave properties	Climate Earth Resources
HT3	Sound Light	Universe Earth Structure	Work Heat and Cooling
HT4	Voltage and Resistance Current	Interdependence Plant Reproduction	Cells Digestion
HT5	Variation Human reproduction	STEM Project	Electromagnetics Magnetism
HT6	Metals and Non metals Acid and Alkali	Chemical Energy Types of reaction	Particle Model Separating Mixtures

## US Curriculum

	Year 9	Year 10	Year 11
HT1	ELC Biology + Test Respiration + ELC Bio C/WK ELC Bio Test retake	1. B1 Cell biology 2. B2 Organisation	1. P4 Atomic structure 2. C4 Chemical changes 3. C6 The rate and extent of chemical change
HT2	ELC Chem + Test + C/WK Periodic table/Elements ELC Chem Test retake	1. C1 Atomic structure and the periodic table 2. C7 Organic chemistry	1. C5 Energy changes 2. B6 inheritance, variation and evolution 3. P5 Forces
HT3	1. ELC Phys + C/WK + Test Contact forces/Pressure ELC Phys Test retake	1. P1 Energy 2. P2 Electricity	1. C8 Chemical analysis 2. P6 Waves 3. P7 Magnetism and electromagnetism
HT4	Photosynthesis  Greenhouse	1. B3 Infection and response 2. B4 Bioenergetics	1. B5 Homeostasis and response 2. C9 Chemistry of the atmosphere 3. C10 Using resources
HT5	STEM Project  Polytunnel	1. C2 Bonding, structure and properties of matter 2. C3 Quantitative chemistry	Revision/Extra time for completion
HT6	B1 Cell biology/polytunnel	1. B7 Ecology 2. P3 Particle model of matter	

## Other Info