



### Science Year 9 Long term plan 2020/2021

Year 9 students are going to be following the AQA Trilogy GCSE 9-1 course  
 The core 'Required' practical will mostly be completed as they are reached as the curriculum is covered.  
 As two teachers are involved for the current year, the termly topics will be taught in parallel

Autumn Term 1 <sup>st</sup> Half		Autumn Term 2 <sup>nd</sup> Half	
B1	Cell Structure	B2	Cell Division - continued
B2	Cell Division - start	B3	Organisation and the Digestive system
C1	Atomic Structure	C2	The periodic table
B1	Cell structure required practical	P1	The conservation and dissipation of energy
			First Summative assessment
Spring Term 1 <sup>st</sup> Half		Spring Term 2 <sup>nd</sup> Half	
B3	Organisation and the Digestive system - continued	B4	Organising Animals and Plants
P2	Energy transfer by heating	C3	Bonding and Structure
B3	Digestive system required practicals		Second Summative assessment
Summer Term 1 <sup>st</sup> Half		Summer Term 2 <sup>nd</sup> Half	
B4	Organising Animals and Plants - continued	B5	Communicable Diseases - continued
B5	Communicable Diseases	B6	Treating Diseases
P3	Energy Resources	P4	Electrical Circuits
			Third Summative assessment

Current Year 9 topics for next year as they enter Year 10

Autumn Term 1 <sup>st</sup> Half		Autumn Term 2 <sup>nd</sup> Half	
B3	Infection and Response	B4	Bioenergetic
C10	Bonding, structures and properties of Matter part 2	C11	Quantitative chemistry
Spring Term 1 <sup>st</sup> Half		Spring Term 2 <sup>nd</sup> Half	
B5	Homeostasis and Response	P22	Particle Model of Matter
C13	Energy changes part 2	B6	Inheritance, variation and Evolution
Summer Term 1 <sup>st</sup> Half		Summer Term 2 <sup>nd</sup> Half	
P23	Atomic structure	P24	Forces
C14	The rate and extent of chemical change	C15	Organic Chemistry

Current Year 9 topics for their year as they enter Year 11

Autumn Term 1 <sup>st</sup> Half		Autumn Term 2 <sup>nd</sup> Half	
P25	Waves	B7	Ecology part 2
C16	Chemical analysis	P26	Magnetism and Electromagnetism
		C17	Chemistry and the Atmosphere
Spring Term 1 <sup>st</sup> Half		Spring Term 2 <sup>nd</sup> Half	
C18	Using resources	P27	Physics key ideas
B8	Biology key ideas	C19	Chemistry key ideas
Summer Term 1 <sup>st</sup> Half		Summer Term 2 <sup>nd</sup> Half	
Exam paper practice and review of topics as required accordingly. Core practical results review to consolidate ideas for first set of exams.		Examinations	

Subject to COVID-19 restrictions and guidelines