

# Year Y10 Trilogy Biology, 2022/2023

Half Term 1: 5 <sup>th</sup> September – 2 <sup>st</sup> October (7 weeks).							Holiday	Half Term 2		
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7		Week 8	Week 9	
<b>B4.3 Infection and Response</b> Pathogens, disease transmission & prevention, body defences, vaccines, antibiotics							Holiday	<b>B4.4</b>		
Half Term 2: 31 <sup>st</sup> October – 16 <sup>th</sup> December (7 weeks).					Half Term 3: 3 <sup>rd</sup> January – 10 <sup>th</sup> February (6 weeks).					
Week 10	Week 11	Week 12	Week 13	Week 14	Holiday		Week 15	Week 16	Week 17	
<b>B4.4 Bioenergetics</b> Photosynthesis, aerobic & anaerobic respiration, metabolism, effects of exercise					Holiday		<b>B4.5 Homeostasis – NEW BOOK</b> Nervous system, endocrine glands & hormones, negative feedback, contraception & infertility			
Half Term 3: 3 <sup>rd</sup> January – 10 <sup>th</sup> February (6 weeks).			Holiday	Half Term 4: 20 <sup>th</sup> February – 31 <sup>st</sup> March (6 weeks).						
Week 18	Week 19	Week 20		Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	
<b>B4.5 Homeostasis</b> Nervous system, endocrine glands & hormones, negative feedback, contraception & infertility			Holiday	<b>B4.5 Homeostasis</b> Nervous system, endocrine glands & hormones, negative feedback, contraception & infertility						
Holiday		Holiday		Half Term 5: 17 <sup>th</sup> April - 26 <sup>th</sup> May (6 weeks).				Holiday	Paper 1 Mock Revision	
Holiday		Week 27	Week 28	Week 29	Week 30	Week 31	Week 32			
		<b>B4.7 Ecology</b> Ecosystem organisation, biotic & abiotic factors, carbon & water cycle, biodiversity, human impacts			<b>Paper 1 Mock Revision</b>					
Half Term 6: 5 <sup>th</sup> June – 21 <sup>st</sup> July (7 weeks).					Curriculum Intent:					
Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Through our curriculum we aim to nurture curiosity and develop students' thinking skills in an unfamiliar context, delivering the curriculum in a practical and engaging way, incorporating practical and problem solving skills.				
<b>Paper 1 Mock Revision</b>		<b>Trial Exams, catch-up and CTG</b>								

# Year Y10 Trilogy Chemistry, 2022/2023

Half Term 1: 5 <sup>th</sup> September – 2 <sup>st</sup> October (7 weeks).							Holiday	Half Term 2		
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7		Week 8	Week 9	
<b>C5.5 Energy Changes</b> Exothermic, endothermic, bond energies			<b>C5.2 Bonding</b> Ionic, covalent, metallic, properties, structure, polymers, states of matter, fullerenes				Holiday	<b>C5.2 Bonding</b>		
Half Term 2: 31 <sup>st</sup> October – 16 <sup>th</sup> December (7 weeks).					Holiday	Holiday		Half Term 3: 3 <sup>rd</sup> January – 10 <sup>th</sup> February (6 weeks).		
Week 10	Week 11	Week 12	Week 13	Week 14			Week 15	Week 16	Week 17	
<b>C5.3 Quantitative Chemistry</b> Conservation of mass, balancing equations, reacting masses, moles, concentration, yield					Holiday	Holiday	<b>C5.6 Rates of Reaction</b> factors affecting rate of reaction, calculating rate, catalysts, reversible reactions, equilibrium			
Half Term 3: 3 <sup>rd</sup> January – 10 <sup>th</sup> February (6 weeks).			Holiday	Half Term 4: 20 <sup>th</sup> February – 31 <sup>st</sup> March (6 weeks).						
Week 18	Week 19	Week 20		Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	
<b>C5.6 Rates of Reaction</b> factors affecting rate of reaction, calculating rate, catalysts, reversible reactions, equilibrium			Holiday	<b>C5.7 Organic Chemistry</b> Crude oil, fractional distillation, cracking, polymerisation, alkanes & alkenes						
Holiday		Half Term 5: 17 <sup>th</sup> April - 26 <sup>th</sup> May (6 weeks).						Holiday		
Holiday		Week 27	Week 28	Week 29	Week 30	Week 31	Week 32		Week 33	
Holiday		<b>C5.7 Organic Chemistry</b> Crude oil, fractional distillation, cracking, polymerisation, alkanes & alkenes			<b>Paper 1 Mock Revision</b>			<b>Paper 1 Mock Revision</b>		
Half Term 6: 5 <sup>th</sup> June – 21 <sup>st</sup> July (7 weeks).					Curriculum Intent:					
Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Through our curriculum we aim to nurture curiosity and develop students' thinking skills in an unfamiliar context, delivering the curriculum in a practical and engaging way, incorporating practical and problem solving skills.				
<b>Paper 1 Mock Revision</b>		<b>Trial Exams, catch-up and CTG</b>								

# Year Y10 Trilogy Physics, 2022/2023

Half Term 1: 5 <sup>th</sup> September – 2 <sup>st</sup> October (7 weeks).							Holiday	Half Term 2	
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7		Week 8	Week 9
<b>P6.3 Particle Model of Matter</b> Density, states of matter, specific latent heat, specific heat capacity, gases							Holiday	<b>P6.3 Particle Model of Matter</b>	
Half Term 2: 31 <sup>st</sup> October – 16 <sup>th</sup> December (7 weeks).					Holiday	Holiday		Half Term 3: 3 <sup>rd</sup> January – 10 <sup>th</sup> February (6 weeks).	
Week 10	Week 11	Week 12	Week 13	Week 14			Week 15	Week 16	Week 17
<b>P6.3 Particle Model of Matter</b> Density, states of matter, specific latent heat, specific heat capacity, gases					Holiday	Holiday	<b>P6.5 Forces</b> Forces interaction, Newton's Laws, vectors & scalar quantities, graphs, acceleration, momentum, stopping distances		
Half Term 3: 3 <sup>rd</sup> January – 10 <sup>th</sup> February (6 weeks).			Holiday	Half Term 4: 20 <sup>th</sup> February – 31 <sup>st</sup> March (6 weeks).					
Week 18	Week 19	Week 20		Week 21	Week 22	Week 23	Week 24	Week 25	Week 26
<b>P6.5 Forces</b> Forces interaction, Newton's Laws, vectors & scalar quantities, graphs, acceleration, momentum, stopping distances			Holiday	<b>P6.5 Forces</b> Forces interaction, Newton's Laws, vectors & scalar quantities, graphs, acceleration, momentum, stopping distances					
Half Term 5: 17 <sup>th</sup> April - 26 <sup>th</sup> May (6 weeks).		Holiday		<b>P6.7 Magnets</b> Magnetic fields, electromagnets, motor effect	<b>Paper 1 Mock Revision</b>			Holiday	<b>Paper 1 Mock Revision</b>
Week 27	Week 28		Week 29		Week 30	Week 31	Week 32		
Half Term 6: 5 <sup>th</sup> June – 21 <sup>st</sup> July (7 weeks).		<b>Curriculum Intent:</b>							
Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Through our curriculum we aim to nurture curiosity and develop students' thinking skills in an unfamiliar context, delivering the curriculum in a practical and engaging way, incorporating practical and problem solving skills.			
<b>Paper 1 Mock Revision</b>		<b>Trial Exams, catch-up and CTG</b>							

# Year Y10 TRIPLE Biology, 2022/2023

Half Term 1: 5 <sup>th</sup> September – 2 <sup>st</sup> October (7 weeks).							Holiday	Half Term 2		
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7		Week 8	Week 9	
<b>B4.3 Infection and Response</b> Pathogens, disease transmission & prevention, body defences, vaccines, antibiotics							Holiday	<b>B4.4</b>		
Half Term 2: 31 <sup>st</sup> October – 16 <sup>th</sup> December (7 weeks).					Half Term 3: 3 <sup>rd</sup> January – 10 <sup>th</sup> February (6 weeks).					
Week 10	Week 11	Week 12	Week 13	Week 14	Holiday		Week 15	Week 16	Week 17	
<b>B4.4 Bioenergetics</b> Photosynthesis, aerobic & anaerobic respiration, metabolism, effects of exercise					Holiday		<b>B4.5 Homeostasis – NEW BOOK</b> Nervous system, endocrine glands & hormones, negative feedback, contraception & infertility			
Half Term 3: 3 <sup>rd</sup> January – 10 <sup>th</sup> February (6 weeks).			Holiday	Half Term 4: 20 <sup>th</sup> February – 31 <sup>st</sup> March (6 weeks).						
Week 18	Week 19	Week 20		Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	
<b>B4.5 Homeostasis</b> Nervous system, endocrine glands & hormones, negative feedback, contraception & infertility			Holiday	<b>B4.5 Homeostasis</b> Nervous system, endocrine glands & hormones, negative feedback, contraception & infertility						
Holiday		Holiday		Half Term 5: 17 <sup>th</sup> April - 26 <sup>th</sup> May (6 weeks).				Holiday		
Holiday		Week 27	Week 28	Week 29	Week 30	Week 31	Week 32		Week 33	
Holiday		<b>B4.7 Ecology</b> Ecosystem organisation, biotic & abiotic factors, carbon & water cycle, biodiversity, human impacts			<b>Paper 1 Mock Revision</b>			<b>Paper 1 Mock Revision</b>		
Half Term 6: 5 <sup>th</sup> June – 21 <sup>st</sup> July (7 weeks).					Curriculum Intent:					
Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Through our curriculum we aim to nurture curiosity and develop students' thinking skills in an unfamiliar context, delivering the curriculum in a practical and engaging way, incorporating practical and problem solving skills.				
<b>Paper 1 Mock Revision</b>		<b>Trial Exams, catch-up and CTG</b>								

# Year Y10 TRIPLE Chemistry, 2022/2023

Half Term 1: 5 <sup>th</sup> September – 2 <sup>st</sup> October (7 weeks).							Holiday	Half Term 2		
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7		Week 8	Week 9	
<b>C5.5 Energy Changes</b> Exothermic, endothermic, bond energies			<b>C5.2 Bonding</b> Ionic, covalent, metallic, properties, structure, polymers, states of matter, fullerenes, nanoscience						<b>C5.3 Quantitative Chemistry</b> Conservation of mass, balancing equations, reacting masses, moles, concentration, yield	
Half Term 2: 31 <sup>st</sup> October – 16 <sup>th</sup> December (7 weeks).					Holiday	Holiday	Half Term 3: 3 <sup>rd</sup> January – 10 <sup>th</sup> February (6 weeks).			
Week 10	Week 11	Week 12	Week 13	Week 14			Week 15	Week 16	Week 17	
<b>C5.3 Quantitative Chemistry</b> Conservation of mass, balancing equations, reacting masses, moles, concentration, yield							<b>C5.6 Rates of Reaction</b> factors affecting rate of reaction, calculating rate, catalysts, reversible reactions, equilibrium			
Half Term 3: 3 <sup>rd</sup> January – 10 <sup>th</sup> February (6 weeks).			Holiday	Half Term 4: 20 <sup>th</sup> February – 31 <sup>st</sup> March (6 weeks).						
Week 18	Week 19	Week 20		Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	
<b>C5.6 Rates of Reaction</b> factors affecting rate of reaction, calculating rate, catalysts, reversible reactions, equilibrium			<b>C5.6 Rates of Reaction</b> factors affecting rate of reaction, calculating rate, catalysts, reversible reactions, equilibrium							
Half Term 5: 17 <sup>th</sup> April - 26 <sup>th</sup> May (6 weeks).							Holiday			
Holiday		Holiday		Week 27	Week 28	Week 29		Week 30	Week 31	Week 32
		<b>C5.7 Organic Chemistry</b> Crude oil, fractional distillation, cracking, polymerisation, alkanes & alkenes			<b>Paper 1 Mock Revision</b>			<b>Paper 1 Mock Revision</b>		
Half Term 6: 5 <sup>th</sup> June – 21 <sup>st</sup> July (7 weeks).					Curriculum Intent:					
Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Through our curriculum we aim to nurture curiosity and develop students' thinking skills in an unfamiliar context, delivering the curriculum in a practical and engaging way, incorporating practical and problem solving skills.				
<b>Paper 1 Mock Revision</b>		<b>Trial Exams, catch-up and finish 5.7</b>								

# Year Y10 TRIPLE Physics, 2022/2023



Half Term 1: 5 <sup>th</sup> September – 2 <sup>st</sup> October (7 weeks).							Holiday	Half Term 2	
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7		Week 8	Week 9
<b>P6.3 Particle Model of Matter</b> Density, states of matter, specific latent heat, specific heat capacity, gases							Holiday	<b>P6.3 Particle Model of Matter</b>	
Half Term 2: 31 <sup>st</sup> October – 16 <sup>th</sup> December (7 weeks).					Holiday	Holiday		Half Term 3: 3 <sup>rd</sup> January – 10 <sup>th</sup> February (6 weeks).	
Week 10	Week 11	Week 12	Week 13	Week 14			Week 15	Week 16	Week 17
<b>P6.3 Particle Model of Matter</b> Density, states of matter, specific latent heat, specific heat capacity, gases					Holiday	Holiday	<b>P6.5 Forces</b> Forces interaction, Newton's Laws, vectors & scalar quantities, graphs, acceleration, momentum, stopping distances		
Half Term 3: 3 <sup>rd</sup> January – 10 <sup>th</sup> February (6 weeks).			Holiday	Half Term 4: 20 <sup>th</sup> February – 31 <sup>st</sup> March (6 weeks).					
Week 18	Week 19	Week 20		Week 21	Week 22	Week 23	Week 24	Week 25	Week 26
<b>P6.5 Forces</b> Forces interaction, Newton's Laws, vectors & scalar quantities, graphs, acceleration, momentum, stopping distances			Holiday	<b>P6.5 Forces</b> Forces interaction, Newton's Laws, vectors & scalar quantities, graphs, acceleration, momentum, stopping distances					
Half Term 5: 17 <sup>th</sup> April - 26 <sup>th</sup> May (6 weeks).		Holiday		<b>P6.8 Space</b> Solar system, life cycle of star, red-shift	<b>Paper 1 Mock Revision</b>			Half Term 6: 5 <sup>th</sup> June – 21 <sup>st</sup> July (7 weeks).	<b>Paper 1 Mock Revision</b>
Week 27	Week 28		Week 29		Week 30	Week 31	Week 32		
Half Term 6: 5 <sup>th</sup> June – 21 <sup>st</sup> July (7 weeks).		<b>Paper 1 Mock Revision</b>		<b>Trial Exams, catch-up and CTG</b>			<b>Curriculum Intent:</b> Through our curriculum we aim to nurture curiosity and develop students' thinking skills in an unfamiliar context, delivering the curriculum in a practical and engaging way, incorporating practical and problem solving skills.		
Week 34	Week 35	Week 36	Week 37	Week 38	Week 39				