

Y10 Trilogy, Biology, 2023-24

Already completed:
B4.1 Cells & Movement,
B4.2 Organisation



Half Term 1: 4 th Sept - 20 st Oct (7 weeks)							October Half-Term Holiday	Half Term 2	
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7		Week 8	Week 9
B4.3 Infection and Response Pathogens, disease transmission & prevention, body defences, vaccines, antibiotics							Christmas Holiday	B4.3 Infection & Response	
Half Term 2: 30 th Oct - 22 nd Dec (8 weeks)					Half Term 3				
Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	B4.4 Bioenergetics Photosynthesis, aerobic & anaerobic respiration, metabolism, effects of exercise		Week 16	Week 17
Half Term 3: 8 th Jan - 9 th Feb (5 weeks)			February Half-Term Holiday	Half Term 4: 19 th Feb - 29 th March (6 weeks)					
Week 18	Week 19	Week 20		Week 21	Week 22	Week 23	Week 24	Week 25	Week 26
B4.5 Homeostasis Nervous system, endocrine glands & hormones, negative feedback, contraception & infertility			B4.5 Homeostasis Nervous system, endocrine glands & hormones, negative feedback, contraception & infertility						
Easter Holiday		Half Term 5: 15 th April - 24 th May (6 weeks)					Spring Bank Holiday	Half Term 6	
		Week 27	Week 28	Week 29	Week 30	Week 31		Week 32	Week 33
		B4.7 Ecology Ecosystem organisation, biotic & abiotic factors, carbon & water cycle, biodiversity, human impacts			Paper 1 Mock revision			Paper 1 Mock revision	
Half Term 6: 3 rd June - 19 th July (7 weeks)					Curriculum Intent: 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					
Paper 1 Mock revision	Paper 1 Mocks		Paper 1 mock CTG and B4.7 Ecology						

Y10 Trilogy, Chemistry, 2023-24

Already completed:

C5.1 Atoms & Periodic table,
C5.4 Chemical Reactions
C5.5 Energy Changes



Half Term 1: 4th Sept - 20th Oct (7 weeks)

Half Term 2

Week 1 Week 2 Week 3 Week 4 Week 5 Week 6 Week 7

Week 8 Week 9

C5.2 Bonding

Ionic, covalent, metallic, properties, structure, polymers, states of matter, fullerenes

October
Half-Term
Holiday

C5.2 Bonding

Half Term 2: 30th Oct - 22nd Dec (8 weeks)

Half Term 3

Week 10 Week 11 Week 12 Week 13 Week 14 Week 15

Week 16 Week 17

C5.3 Quantitative Chemistry

Conservation of mass, balancing equations, reacting masses, moles, concentration, yield

Christmas
Holiday

C5.3 Quantitative chemistry

Half Term 3: 8th Jan - 9th Feb (5 weeks)

Half Term 4: 19th Feb - 29th March (6 weeks)

Week 18 Week 19 Week 20

Week 21 Week 22 Week 23 Week 24 Week 25 Week 26

C5.6 Rates of Reaction

factors affecting rate of reaction, calculating rate, catalysts, reversible reactions, equilibrium

February
Half-Term
Holiday

C5.6 Rates of Reaction

factors affecting rate of reaction, calculating rate, catalysts, reversible reactions, equilibrium

C5.7 Organic Chem

Half Term 5: 15th April - 24th May (6 weeks)

Half Term 6

Easter
Holiday

Week 27 Week 28 Week 29 Week 30 Week 31 Week 32

Week 33

C5.7 Organic Chemistry

Crude oil, fractional distillation, cracking, polymerisation, alkanes & alkenes

Paper 1 Mock revision

Spring Bank
Holiday

Paper 1 Mock revision

Half Term 6: 3rd June - 19th July (7 weeks)

Week 34 Week 35 Week 36 Week 37 Week 38 Week 39

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Paper 1 Mock revision

Paper 1 Mocks

Paper 1 mock CTG and finish Y10 content

Y10 Trilogy, Physics, 2023-24

Already completed:

P6.3 Particles of Matter
P6.4 Radiation & Atoms



Half Term 1: 4th Sept - 20th Oct (7 weeks)

Half Term 2

Week 1 Week 2 Week 3 Week 4 Week 5 Week 6 Week 7

Week 8 Week 9

P6.1 Energy

Kinetic energy, gravitational potential energy, specific heat capacity, energy resources, formulas

October
Half-Term
Holiday

P6.1 Energy

Half Term 2: 30th Oct - 22nd Dec (8 weeks)

Half Term 3

Week 10 Week 11 Week 12 Week 13 Week 14 Week 15

Week 16 Week 17

P6.1 Energy

P6.2 Electricity

Series, Parallel, current, potential difference, resistance, circuit, generating electricity

Christmas
Holiday

P6.2 Electricity

Half Term 3: 8th Jan - 9th Feb (5 weeks)

Half Term 4: 19th Feb - 29th March (6 weeks)

Week 18 Week 19 Week 20 Week 21 Week 22 Week 23 Week 24 Week 25 Week 26

P6.2 Electricity

Series, parallel, current, potential difference, resistance, circuit, generating electricity

February
Half-Term
Holiday

P6.5 Forces

Forces interaction, Newton's Laws, vectors & scalar quantities, graphs, acceleration, momentum, stopping distances

Easter
Holiday

Half Term 5: 15th April - 24th May (6 weeks)

Half Term 6

Week 27 Week 28 Week 29 Week 30 Week 31 Week 32

Week 33

P6.5 Forces

Forces interaction, Newton's Laws, vectors & scalar quantities, graphs, acceleration, momentum, stopping distances

Paper 1 Mock revision

Spring Bank
Holiday

Paper 1 Mock revision

Half Term 6: 3rd June - 19th July (7 weeks)

Curriculum Intent:

Week 34 Week 35 Week 36 Week 37 Week 38 Week 39

Paper 1 Mock revision

Paper 1 Mocks

Paper 1 mock CTG and P6.5 Forces

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B4.3 Infection and Response Pathogens, disease transmission & prevention, body defences, vaccines, antibiotics *to include B4.1 Aseptic technique Required Practical							Christmas Holiday	B4.3 Infection & Response		
Half Term 2: 30 th Oct - 22 nd Dec (8 weeks)					Half Term 3					
Week 10	Week 11	Week 12	Week 13	Week 14	Week 15			Week 16	Week 17	
B4.4 Bioenergetics Photosynthesis, aerobic & anaerobic respiration, metabolism, effects of exercise							B4.4 Bioenergetics			
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Y10 TRIPLE, Chemistry, 2023-24

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Half-Term
Holiday

Half Term 2

Week 8 Week 9

C5.2 Bonding

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Week 10 Week 11 Week 12 Week 13 Week 14 Week 15

C5.3 Quantitative Chemistry

Conservation of mass, balancing equations, reacting masses, moles, concentration, yield, **To include C5.4 Titration Required Practical

Christmas
Holiday

Half Term 3

Week 16 Week 17

C5.3 Quantitative chemistry

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Week 18 Week 19 Week 20

C5.6 Rates of Reaction

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C5.7 Organic Chem

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Week 27 Week 28 Week 29 Week 30 Week 31 Week 32

Easter
Holiday

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Paper 1 Mock revision

Half Term 6

Week 33

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Y10 TRIPLE, Physics, 2023-24

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