Separate Sciences	Autumn Term	Spring term	Summer term	Assessment of learning	Enrichment opportunities / wider reading
Year 9			B3 Infection &		AQA Collins GCSE revision guide
			Response	Each unit includes:	https://www.bbc.com/bitesize/levels/z98jmp3
			C2 Bonding &		BBC Class clips
			Structure	investigation write up	Oak National Academy Online Classroom
			C1 Atomic Structure	assessment (linked to	(thenational.academy)
			& Periodic Table	required practical)	GCSEPrepper https://www.gcseprepper.co.uk/
			P1 Energy		Seneca - https://senecalearning.com/
				a summative end of	Isaac Physics - https://isaacphysics.org/
				unit test	STEM projects - UU/Sellafield/Conference
Year 10	B1 Cell biology	B2 Organisation	B7 Ecology		AQA Collins GCSE revision guide
	B4 Bioenergetics			In addition there are	https://www.bbc.com/bitesize/levels/z98jmp3
	C5 Energy Transfer	C3 Quantitative	C6 Rate of Chemical	mock exams linked to	BBC Class clips
	C4 Electrolysis	Analysis	Change	the school	Oak National Academy Online Classroom
	P2 Electricity	P3 Matter	P7 Waves	assessment calendar	(thenational.academy)
	P4 Atomic Structure	P2 Domestic			GCSEPrepper https://www.gcseprepper.co.uk/
		Electricity		Homeworks:	Seneca - https://senecalearning.com/
					Isaac Physics - https://isaacphysics.org/
				Weekly retrieval and	STEM Careers Day / Engineering Workshops
				exam practice set via	
Year 11	B6 Inheritance,	B5 Homeostasis &	Required Practical	GCSEPrepper	EPS Sessions on Wednesday 2.30 - 3.15pm
	Variation, Evolution	Response	review		AQA Collins GCSE revision guide
	B7 Ecology Y10				https://www.bbc.com/bitesize/levels/z98jmp3
	review		Revision		BBC Class clips
	C7 Organic	C10 Using Resources			Oak National Academy Online Classroom
	Chemistry	C9 Atmosphere	Exam preparation		(thenational.academy)
	C8 Chemical Analysis				GCSEPrepper https://www.gcseprepper.co.uk/
					Seneca - https://senecalearning.com/
	P5 Forces	P8 Space			Isaac Physics - https://isaacphysics.org/
		P7 Magnetism &			
		Electromagnetism			

Assessment Map 2022-23



Department: Science

EPS	Year 7	Year 8	Year 9	Year 10	Year 11
EPS 2	Baseline assessment	Focus:	Focus:	Focus:	Focus:
Nov	completed in September	Mixed assessment	Mixed assessment	Mixed assessment	Mixed assessment
2022	Sempretou iii September	xea accesse.n	minted desessing in		mine a decession in
	Focus:	Structure:	Structure:	Structure:	Structure:
	Initial assessment	45 minutes	1 hour	Adapted Paper 1 mock exam	Full Paper 1 mock exam
	miliar accessment	Multiple-choice	Short-answer questions	3 x 1 hour papers (Trilogy)	3 x 1 hour 15 minutes (Trilogy)
	Structure:	Short-answer questions	Longer-answer questions	3 x 1 hour 30 minutes (Triple)	3 x 1 hour 45 minutes (Triple)
	45 minutes	Onort anower questions	Longer answer questions	OX Thou of minutes (Thiple)	o x i nour 40 minutes (mpio)
	Multiple-choice	Knowledge and skills	Knowledge and skills assessed:	Single Tier	Higher and Foundation Tiers
	Short-answer questions	assessed:	Biology: Cells to Systems	Single riei	riigher and roundation hers
	Offort-ariswer questions	Practical skills	biology. Cells to Systems	Knowledge and skills assessed:	Knowledge and skills assessed:
	Knowledge and skills	Breathing	Chemistry: Molecules and Trends	Biology: B1 Cell Biology; B3 Infection &	Biology: B1 Cell Biology; B2 Organisation; B3
	assessed:	Forces	Chemistry. Molecules and Trends		Infection & Response: B4 Bioenergetics
	Practical skills	Periodic Table	Dhysica: Energy in the Heme	Response;	infection & Response, 64 bioenergetics
	Cells & Movement		Physics: Energy in the Home	Characiata a CO Baradina a Cturretura 9	Chamistan CA Atamia Churchuna & Dania dia
		Working scientifically	Manting a significantly	Chemistry: C2 Bonding, Structure & Properties of Matter; C5 Energy Changes	Chemistry: C1 Atomic Structure & Periodic Table; C2 Bonding, Structure & Properties of
	Working scientifically		Working scientifically	Properties of Matter; C5 Energy Changes	Matter CO Occupitation Observation CA
				B/ : D4 5	Matter; C3 Quantitative Chemistry; C4
				Physics: P1 Energy, P2 Electricity	Chemical Changes; C5 Energy Changes
					D D. E. D. E
					Physics: P1 Energy; P2 Electricity; P3
					Particle Model of Matter; P4 Atomic Structure
EPS 3/4	Focus:	Focus:	Focus:	Focus:	Focus:
March	Mixed Assessment	Mixed Assessment	End of KS3 Exam	Mixed assessment	Mixed assessment
2023					
	Structure:	Structure:	Structure:	Structure:	Structure:
	1 hour	1 hour	1 hour multiple choice (computer	Adapted Paper 1 mock exam	Full Paper 2 mock exam
	Multiple-choice	Multiple-choice	based)	3 x 1 hour 15 minutes (Trilogy)	3 x 1 hour 15 minutes (Trilogy)
	Short-answer questions	Short-answer questions	1 hour written	3 x 1 hour 45 minutes (Triple)	3 x 1 hour 45 minutes (Triple)
			Short-answer questions		
	Knowledge and skills	Knowledge and skills	Longer-answer questions	Higher and Foundation Tiers	Higher and Foundation Tiers
	assessed:	assessed:			
	Earth & Universe	Periodic Table	Knowledge and skills assessed:	Knowledge and skills assessed:	At this stage pupils will be sitting the tier they
	Particles	Digestion	Summative assessment of KS3	Biology: B1 Cell Biology; B3 Infection &	will sit in the summer exams.
	Forces	Light	knowledge, mainly linked to Y9	Response; B4 Photosynthesis only	
	Reproduction	Reactions	bridging topics		Knowledge and skills assessed:
	Working Scientifically	Working Scientifically		Chemistry: C1 Atomic Structure & Periodic	Biology: B5 Homeostasis & Response; B6
	,	,	Biology: Cells to Systems / Plants	Table; C2 Bonding, Structure & Properties of	Inheritance, Variation & Evolution: B7
			, , , , , , , , , , , , , , , , , , , ,	Matter; C4 Chemical Changes; C5 Energy	Ecology; Key Ideas
			Chemistry: Molecules and	Changes	
			trends/Reactions/Acids		Chemistry: C6 Rate & Extent of Chemical
				Physics: P1 Energy, P2 Electricity, P4 Atomic	Change; C7 Organic Chemistry; C8 Chemical
			Physics: Energy, Forces	Structure	Analysis; C9 Chemistry of the Atmosphere;
			,		C10 Using Resources; Key Ideas
			Working Scientifically		and a second sec
					Physics: P5 Forces; P6 Waves; P7
					Magnetism & Electromagnetism; P8 Space
					(Triple only); Key Ideas
					(There only), itey ideas
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EPS 5	Focus:	Focus:	Focus:		
May	End of Year Exam	End of Year Exam	Mixed assessment		
2023	End of Fear Exam	End of Fear Exam	Mixed assessment		
2023	Structure:	Structure:	Structure:		
	1 hour	1 hour	3 x 1 hour papers (B/C/P)		
	Multiple-choice	Multiple-choice	3 x 1 flour papers (B/C/P)		
			Knowledge and abilla accessed.		
	Short-answer questions	Short-answer questions	Knowledge and skills assessed: Biology: Infection & Response		
	Longer-answer questions	Longer-answer questions			
	Karandadaa aadabiila	Konsulador sud aldila	Chemistry: Molecules and		
	Knowledge and skills	Knowledge and skills	trends/Reactions/Acids/Separation		
	assessed: Earth & Universe	assessed:	techniques		
		Breathing	Physics: Energy, Forces, Matter		
	Particles & Periodic Table	Forces			
	Forces	Periodic Table			
	Reactions	Digestion			
	Reproduction	Light & Sound Reactions			
	Ecology	Matter			
	Matter				
	Working Scientifically	Electricity & Magnetism			
		Working Scientifically			
EPS 6	Facus	Facus		Facular	
	Focus: End of topic combined test	Focus: End of topic combined test		Focus: Mixed assessment	
July 2023	End of topic combined test	End of topic combined test		iviixed assessment	
2023	Structure:	Standard		Structure:	
	Structure: 2 x 30 mins	Structure: 2 x 30 mins		Full Paper 1 mock exam	
		Multiple-choice		3 x 1 hour 15 minutes (Trilogy)	
	Multiple-choice Short answer questions	Short answer questions		3 x 1 hour 15 minutes (Trilogy)	
	Short answer questions	Short answer questions		3 X 1 Hour 45 Hilliutes (Triple)	
	Knowledge and skills	Knowledge and skills		Higher and Foundation Tiers	
	assessed:	assessed:		Trigiler and Foundation fiers	
	Genetics & Variation / Acids &	Ecosystems / Genetics &		Knowledge and skills assessed:	
	Alkalis	Inheritance		Biology: B1 Cell Biology; B2 Organisation; B3	
	Reactions 1 / Electricity	Earth & its structure / Energy		Infection & Response; B4 Bioenergetics	
	Neadions 1 / Electricity	Latin & its structure / Energy		Introduction a Nesponse, by bioenergetics	
				Chemistry: C1 Atomic Structure & Periodic	
				Table; C2 Bonding, Structure & Properties of	
				Matter; C3 Quantitative Chemistry; C4	
				Chemical Changes; C5 Energy Changes	
				Silango, oo Energy Chango	
				Physics: P1 Energy; P2 Electricity; P3	
				Particle Model of Matter; P4 Atomic Structure	
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