

KS3 Science Curriculum Timeline (summary for parents): please note that dates will vary for groups with more than one teacher

KS3 Science Curriculum Timeline (summary for parents): please note that dates will vary for groups with more than one teacher													
Year 7						Year 8							
Term	Date	Week #	Year 7 topic	Topic Content	Scientific Enquiry Theme	Assessments/Feedback points (not including end of unit short quizzes)	Year 8 Topic	Topic content	Scientific Enquiry Theme	Assessments/Feedback points (not including end of unit short quizzes)	Week #		
Autumn 1 (36 days)	31/08	1	Intro to Science (2 lessons only)	H&S lesson with homework task & baseline knowledge assessment	Asking Scientific Questions and Recording Observations		3. Energy 2	Work; Heating and Cooling	Planning to answer scientific questions and analysing patterns		1		
	07/09	2										2	
	14/09	3	8. Energy 1	Energy Cost; Transfers									3
	21/09	4					5. Matter 2	Periodic Table; Elements					4
	28/09	5											5
	05/10	6	8. Organisms 2	Movement, Cells									6
	12/10	7					Hinge Assessment 1: Model cells					Hinge Assessment 1: Sci Enquiry task	7
	19/10	8						8. Organisms 2		Breathing; Digestion			8
Autumn 2 (35 days)	02/11	9	5. Matter 1	Particle Model, Separating Mixtures	What is a scientific theory; understanding the role of theories and models in science; how theories change and evolve over time based on evidence				Evaluating data, critiquing claims and justifying data		9		
	09/11	10											10
	16/11	11								7. Earth 2	Climate; Earth Resources		
	23/11	12											12
	30/11	13	Summative Assessment 1	Energy 1; Organisms 1; Matter 1		Summative Assessment 1							13
	07/12	14	7. Earth 1	Rocks; The Universe			Summative Assessment 1	Energy 2; Matter 2; Organisms 2; Earth 2 + Year 7 Content				Summative Assessment 1	14
	14/12	15											15
Spring 1 (30 days)	04/01	16			Planning investigations		1. Forces 2	Contact forces; pressure	Analysing and evaluating		16		
	11/01	17										17	
	18/01	18	9. Ecosystems 1	Interdependence, Plant Reproduction				9. Ecosystems 2		Respiration; Photosynthesis			18
	25/01	19											19
	01/02	20	1. Forces 1	Speed; Gravity				4. Waves 2		Wave effects; Wave properties			20
	08/02	21											21
Spring 2 (29 days)	22/02	22	4. Waves 1	Sound, Light		Hinge Assessment 2: Sci Enquiry task			Which evidence and sources can we trust?		22		
	01/03	23					10. Genes 2	Evolution; Inheritance			Hinge Assessment 2: Sci Enquiry task	23	
	08/03	24	Science Week: Our diverse planet	Science Week activities in lessons and around school	Analysing patterns		Science Week: Our diverse planet	Science Week activities in lessons and around the school				24	
	15/03	25	4. Waves 1	Sound, Light			10. Genes 2	Evolution; Inheritance				25	
	22/03	26										26	
Summer 1 (29 days)	29/03	27					6. Reactions 2	Types of reaction; Chemical energy	Full Investigation		27		
	19/04	28	3.6 Reactions 1	Acids and Alkalis; Metals and non-metals	Communication							28	
	26/04	29						2. Electromagnets 2		Magnetic fields; electromagnetism			29
	03/05	30						Consolidation		Self-evaluation			30
	10/05	31						Consolidation		Independent revision and review			31
	17/05	32	2. Electromagnets 1	Potential difference and resistance; Current									32
	31/05	33					Summative Assessment 2	All KS3 content				Summative Assessment 2	33
Summer 2 (32 days)	07/06	34	Summative Assessment 2	Energy 1; Organisms 1; Matter 1; Earth 1; Ecosystems 1; Forces 1; Waves 1; Reactions 1; Electromagnets 1		Revisiting Y7 Sci Enquiry Skills	Summative Assessment 2	Disease and immunity	Infections; body defences; preventing the spread of diseases	Benefits and risks of science		34	
	14/06	35					Exam feedback	Individual feedback follow up tasks in class				35	
	21/06	36						Year 8 Science competition					36
	28/06	37											37
	05/07	38						GCSE Bridging Lessons					38
	12/07	39	Exam feedback	Individual feedback follow up task in class									39
	19/07	40	No lessons	No lessons				No lessons	No lessons				40