



Subject:	Chemistry	Form:	4th Form
Teacher:	S Payne/ Dr D Parekh	Term:	Autumn 2026

Week	Week Beginning	Topic
1	7th September	Review elements, Mixtures and Compounds Separating Mixtures
2	14th September	C1.1: Atomic structure/Electronic structure/ Isotopes C1.5 History of the Atom
3	21st September	C1.1: Atomic structure/Electronic structure/ Isotopes C1.5 History of the Atom
4	28th September	C3.3 Bonding and C3.4 Giant Ionic structure and properties
5	5th October	C3.5 Covalent Bonding
6	12th October	C3.6 Molecular structure and properties C3.7 Giant covalent structure/Diamond and Graphite
7	19th October	C3.9 and C3.10 Metallic bonding and Structure Heating substance practical
Autumn Half-Term (26th October to 30th October)		
8	2nd November	3.8, C1.11 and C1.12: Nanoscience/ Fullerenes and Graphene
9	9th November	C2.1 Development of Periodic Table C2.3 Group 1 Alkali Metals.
10	16th November	Winter Exam week
11	23 November	C2.4 Group 7 Halogens
12	30th November	C2.4 Group 7 Halogens : Halogen/ Halide displacement
13	7th December	C2.5 Transition Metals and Noble Gases



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Week	Week Beginning	Topic
1	4th January	C1.2 Chemical Equations: conservation of mass practical C4.3. Masses from equations/ Balancing equations
2	11th January	C4.1 Quantitative Chemistry/Recap RMM/ Moles
3	18th January	C4.2 Quantitative Chemistry/ Calculating masses from equations
4	25th January	C4.9 Calculating masses /Volumes of gases
5	1st February	C4.4 Percentage Yield C4.5 Atom Economy
6	8th February	C5 Chemical changes : 5.1 Metal reactivity 5.2 Displacement reactions
Spring Half-Term (15th February to 19th February)		
8	22nd February	Mini Test week
9	1st March	C5 Chemical changes : How do metals react with acids? Acids , Bases and Salts
10	8th March	C5 Chemical changes : RP 1: Making copper sulfate
11	15th March	C5 Chemical changes : 5.8 Comparing strong and weak acid practical



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Week	Week Beginning	Topic
1	12th April	C6 Electrolysis : 6.1, 6.2 Redox in terms of oxygen, writing half equations
2	19th April	C6 Electrolysis: 6.3 Electrolysis of molten ionic compounds and Aluminium oxide
3	26th April	C6 Electrolysis: 6.4 Electrolysis of aq solutions
4	3rd May	C6 Electrolysis: RP 3: Electrolysis of aq solutions
5	10th May	C7: Energy Changes: 7.1, 7.2 Exo and Endothermic reactions practical and theory C7: Energy Changes: 7.3 Reactions Profiles diagrams
6	17th May	C7: Energy Changes: RP4: Temperature changes
7	24th May	C7: Energy Changes: 7.4 Bond energy calculations
Summer Half-Term (31st May to 4th June)		
8	7th June	Summer Exam week
9	14th June	C8 Rates: 8.1 Go over exam paper/ measuring and calculating Rates of reactions
10	21st June	C8 Rates: 8.2 Collision theory and Factors of rates/ Following a reaction by monitoring the change in mass practical
11	28th June	C8 Rates: RP6: Activity 1 Effect of concentration on Rates
12	5th July	C8 Rates: RP6: Activity 2: Effect of surface area on rates