

Science Y9 -11 20222-23

Year 9 7 - hours a fortnight

For order of topics - follow the separate topic guide.		Lessons required*	Lessons available
Half Term 1	7 Weeks	28	24
Atomic Structure and Quantitative Chemistry Part 1 (16)			
Space (3/5)			
Assessment AP1 (3) Atomic Structure and Quantitative Chemistry Part 1.			
Cells (11)			
Half Term 2	7 Weeks	23	25
RP (3)			
RP (3)			
Assessment Feedback (1)			
Particle Model (5)			
RP (4)			
Half Term 3	7 Weeks	20	25
Bonding (10)			
Assessment AP2 (4) - All HT 1- 2 Content			
Communicating ideas (2)			
Feedback, Intervention + Consolidation (4)			
Half Term 4	5 Weeks	22	17
Energy Changes (2)			
Energy (8)			
RP (3)			
RP (3)			
Maths Skills (2)			
Core Knowledge Power Up (4)			
Half Term 5	6 Weeks	23	21
Chemical Changes (10)			
RP (3)			
RP (2)			
Command Words (4)			
PPE (4) All work covered HT 1-4			
Half Term 6	7 Weeks	19	24
Infectious Disease (8)			
Electricity - Appliances (5)			
Communicating ideas (2)			
Graph Skills (4)			

Year 10 - 9 hours a fortnight

All topics on each line must be taught before moving to the line below. RP to be taught at an appropriate point within or after the topic		Lessons required*	Lessons available
Half Term 1	7 Weeks	35	31
Recap/consolidation of year 9 work (4)			
Organisation (14)			
RP (3)			
RP (2)			
Atomic structure (8)/ Energy for 2022-23			
Assessment AP1 All Year 9 Content (4)			
Half Term 2	7 Weeks	31	32
Quantitative Chemistry Part 2 (4)			
Feedback, intervention + Consolidation (3)			
Electricity - Circuits (6)			
RP (3)			
RP (3)			
Rates of Reaction (8)			
RP (4)			
Half Term 3	7 Weeks	18	32
Core Knowledge Power Up (4)			
Bioenergetics (9)			
RP (3)			
Assessment AP2 - All Paper 1 content			
Forces (15)			
Half Term 4	5 Weeks	27	22
RP (3)			
RP (3)			
Feedback, intervention + Consolidation (2)			
Organic Chemistry (4)			
Variation (14)			
Half Term 5	6 Weeks	28	27
Chemistry in the atmosphere (5)			
Ecology (10)			
RP (3)			
Half Term 6	7 Weeks	21	27
Magnetism(4)			
Core Knowledge Power Up (4)			
Paper 1 PPEs			
All Paper 1 (9)			
Feedback, intervention + Consolidation (4)			

Between Year 10 AP2, and AP3 Paper 1 content should be a major focus of recall tasks to ensure content is not forgotten

Year 11 9 - hours a fortnight

All topics on each line must be taught before moving to the line below. RP to be taught at an appropriate point within or after the topic		Lessons required*	Lessons available
Half Term 1	7 Weeks	36	31
Core Knowledge Power Up (4)			
Chemical Analysis (3)			
RP (2)			
Homeostasis (7)			
Waves (5)			
RP (3)			
RP (5)			
Using resources (7)			
Half Term 2	7 Weeks	30	32
RP (3)			
Paper 2 PPE			
All Paper 2			
Cells/Organisation/ Infectious disease			
End of unit assessment			
Atomic structure/ Bonding/ Quantitative chemistry			
Feedback, intervention + Consolidation (4)			
Half Term 3	7 Weeks	28	32
End of unit assessment			
Particle model/Atomic Structure/Energy			
End of unit assessment			
Bioenergetics/Ecology			
Biology Paper 1			
Energy Changes/Chemical Changes			
Half Term 4	5 Weeks	16	22
Chemistry Paper 1			
Paper 1 and Paper 2 PPEs			
Physics Paper 1			
Electricity			
Variation/Homeostasis/Rates			
Organic/Chem analysis/ Chem of the atmosphere			
Half Term 5	6 Weeks		
Forces/Magnetism/Waves			
Targetted Revision			
GCSE			
Half Term 6	7 Weeks	27	27

Upc

Groups with three teachers will not stick to these half terms, but the order the topics are taught in will follow this plan.

* Lesson allocation are approximate and half term lengths will vary. Topics may span two half terms but students should always have covered the required content by the assessment point.

dated 27/6/22