

Year 8Y Learning Journey 2024-2025

Week	Date	Topic (Key construct/ Component Knowledge)	Assessment
1 (Thurs)	5.09.24	Atomic Structure and Bonding (the atom)	
2	9.09.24	Atomic Structure and Bonding (periodic table)	
3	16.09.24	Atomic Structure and Bonding (compounds)	IKR Task
4	23.09.24	Atomic Structure and Bonding (ions)	Checkpoint
5	30.09.24	Atomic Structure and Bonding (ionic bonding)	IKR Task
6	7.10.24	Atomic Structure and Bonding (metallic bonding)	End of Unit
7	14.10.24	Energy (stores and transfers)	
8	21.10.24	Energy (conduction, convection and radiation)	IKR Task
Half term			
9	4.11.24	Energy (global warming and climate change)	Checkpoint
10	11.11.24	Energy (food and fuels)	
11	18.11.24	Energy (power)	IKR Task
12	25.11.24	Energy (renewable and non-renewable)	End of Unit
13	2.12.24	Reactions (identifying hazards)	
14	9.12.24	Reactions (acids and alkalis)	
15	16.12.24	Reactions (neutralisation)	
CHRISTMAS			
16	6.01.25	Reactions (reactivity series)	IKR Task
17	13.01.25	Reactions (conservation of mass)	Checkpoint
18	20.01.25	Reactions (combustion)	
19	27.01.25	Reactions (displacement)	IKR Task
20	3.01.25	Reactions (exothermic and endothermic)	End of Unit
21	10.02.25	Life and Reproduction (reproductive systems)	Data Drop
Half term			
22	24.02.25	Life and Reproduction (menstrual cycle)	IKR Task
23	3.03.25	Life and Reproduction (human pregnancy)	Checkpoint
24	10.03.25	Science Week 2025	
25	17.03.25	Life and Reproduction (plant reproduction)	
26	24.03.25	Life and Reproduction (DNA and inheritance)	IKR Task
27	31.03.25	Life and Reproduction (evolution)	End of Unit
EASTER			
28(BH)	21.04.25	Exam Prep	
29	28.04.25	Annual Exams	
30(BH)	06.05.25	Annual Exams	
31	12.05.25	RAP/ addressing misconceptions	
32	19.05.25	Space (orbits, moons)	IKR Task
Half term			
33	2.06.25	Space (planets)	Checkpoint
34	9.06.25	Plants and Ecosystems (microscopy of plant cells)	IKR Task
35	16.06.25	Plants and Ecosystems (photosynthesis and leaves)	Checkpoint
36	23.06.25	Plants and Ecosystems (specialised plant cells)	
37	30.07.25	Plants and Ecosystems (species, ecosystems)	IKR Task
38	7.07.25	Plants and Ecosystems (sampling techniques)	End of Unit
39	14.07.25	Activities week	

