

Year 9Y Learning Journey 2024-2025

Week	Date	Topic/ Key construct/ Component Knowledge- Please plan for pause/ RAP lessons- What are students learning?		Assessment
1 (Thurs)	5.09.24	Energy (stores and transfers)		
2	9.09.24	Energy (efficiency)		
3	16.09.24	Energy (power and resources)		Assessment
4	23.09.24	Electricity (current and potential difference)		
5	30.09.24	Electricity (series and parallel circuits)		
6	7.10.24	Electricity (resistance)		Assessment
7	14.10.24	Particle Model (states of matter)		
8	21.10.24	Particle Model (density)		
Half term				
9	4.11.24	Atomic Structure (subatomic particles)		Assessment
10	11.11.24	Atomic Structure (alpha, beta, gamma)		
11	18.11.24	Atomic Structure (irradiation and contamination)		Assessment
12	25.11.24	Atomic Structure (atoms, sub-atomic particles)		
13	2.12.24	Atomic Structure (atomic models)		<i>Data Drop in Books</i>
14	9.12.24	Atomic Structure (mixtures and separation techniques)		Assessment
15	16.12.24	Structure and Bonding (ions and ionic bonds)		
CHRISTMAS				
16	6.01.25	Structure and Bonding (covalent bonding)		Assessment
17	13.01.25	Quantitative Chemistry (relative formula mass)		
18	20.01.25	Quantitative Chemistry (resolution, accuracy, precision)		Assessment
19	27.01.25	Chemical Changes (chemical reactions)		
20	3.01.25	Chemical Changes (reactions of acids)		
21	10.02.25	Chemical changes (neutralisation)		Assessment
Half term				
22	24.02.25	Energy Changes (exothermic reactions)		
23	3.03.25	Energy Changes (endothermic reactions)		Assessment
24	10.03.25	Cells (animal and plant cells)		
25	17.03.25	Cells (microscopy)		
26	24.03.25	Cells (transport in cells)		<i>Data Drop in Books</i> Assessment
27	31.03.25	Bioenergetics (photosynthesis)		
EASTER				
28(BH)	21.04.25	Bioenergetics (respiration)		Assessment
29	28.04.25	Annual Exams Core		
30(BH)	06.05.25	Annual Exams foundation please adapt accordingly		
31	12.05.25	Annual Exams/ RAP/ addressing misconceptions		
32	19.05.25	Annual Exams/ RAP/ addressing misconceptions		
Half term				
33	2.06.25	Organisation (enzymes)		
34	9.06.25	Organisation (the heart and diseases)		
35	16.06.25	Organisation (plant organs)		Assessment
36	23.06.25	Infection and Response (diseases)		

