

Year 9Z 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	Atomic Structure (atoms, sub-atomic particles)		
2	9.09.24	Atomic Structure (atomic models)		
3	16.09.24	Atomic Structure (mixtures and separation techniques)		Assessment
4	23.09.24	Structure and Bonding (ions and ionic bonds)		
5	30.09.24	Structure and Bonding (covalent bonding)		Assessment
6	7.10.24	Quantitative Chemistry (relative formula mass)		
7	14.10.24	Quantitative Chemistry (resolution, accuracy, precision)		Assessment
8	21.10.24	Chemical Changes (chemical reactions)		
Half term				
9	4.11.24	Chemical Changes (reactions of acids)		
10	11.11.24	Chemical changes (neutralisation)		Assessment
11	18.11.24	Energy Changes (exothermic reactions)		
12	25.11.24	Energy Changes (endothermic reactions)		Assessment
13	2.12.24	Energy (stores and transfers)		<i>Data Drop in Books</i>
14	9.12.24	Energy (efficiency)		
15	16.12.24	Energy (power and resources)		Assessment
CHRISTMAS				
16	6.01.25	Electricity (current and potential difference)		
17	13.01.25	Electricity (series and parallel circuits)		
18	20.01.25	Electricity (resistance)		Assessment
19	27.01.25	Particle Model (states of matter)		
20	3.01.25	Particle Model (density)		Assessment
21	10.02.25	Atomic Structure (sub-atomic particles)		
Half term				
22	24.02.25	Atomic Structure (alpha, beta, gamma)		
23	3.03.25	Atomic Structure (irradiation and contamination)		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)		

