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)			
10	0.10.04	Atomic Structure (atomic models)	Data Drop in		
13	2.12.24	,	Books		
	0.10.04	Atomic Structure (mixtures and separation	Assessment		
14	9.12.24	techniques)			
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)	Assessment		
17		Quantitative Chemistry (resolution, accuracy,	Assessment		
18	20.01.25	precision)	Assessifient		
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		
Z I	10.02.23	Half term	Assessifielli		
22	24.02.25	Energy Changes (exothermic reactions)			
23	3.03.25	Energy Changes (exometric reactions) Energy Changes (endothermic reactions)	Assessment		
24	10.03.25	Cells (animal and plant cells)	Assessifielli		
25	17.03.25				
23	17.03.23	Cells (microscopy)	Data Dran in		
27	24.03.25	Cells (transport in cells)	Data Drop in Books		
26	24.03.23		Assessment		
27	21.02.05	Disapprenties (photographosis)	Assessifieni		
27	31.03.25	Bioenergetics (photosynthesis) EASTER			
28(BH)	21.04.25	Bioenergetics (respiration)	Assessment		
29	28.04.25	Annual Exams Core	Vaacaaiiiciii		
	06.05.25	Annual Exams foundation please adapt accordingly			
30(BH)	12.05.25	Annual Exams/RAP/ addressing misconceptions			
31		Annual Exams/ RAP/ addressing misconceptions			
32	19.05.25	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			Assessifielli		
30	23.06.25	Infection and Response (diseases)			

37	30.07.25	Infection and Response (antibiotics/drug development)	Data Drop in Books Assessment
38	7.07.25	Contingency	
39	14.07.25	Activities week	

Name:		Summer Y8	Autumn	Spring	Summer
Subject Target:	Flightpath				
Annual Exam Grade:	BFL				

Assessment	Flight- path Grade	Action (s) to make progress