Class of 2023 – Combined Chemistry

Long Term Plan 2020-21

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Cycle 1	**W/C 24/08**	**W/C 31/08**	**W/C 07/09**	**W/C 14/09**	**W/C 21/09**	**W/C 28/09**	**W/C 05/10**	**W/C 12/10**	**W/C 02/11**	**W/C 09/11**	**W/C 16/11**	**W/C 23/11**	**W/C 30/11**
		C3 Quantitative chemistry What is relative formula mass?	**C3 Quantitative chemistry** What is a mole?	**C3 Quantitative chemistry** How can we calculate masses from equations?	**C3 Quantitative chemistry** How can we calculate concentrations ?	**C3 Quantitative chemistry** What have we learnt in C3?	**C7 Organic chemistry** What is crude oil?	**What have we learnt?** Interleaving: C9	**What have we learnt?** Interleaving: C1 – C6	**What have we learnt?** Interleaving: C1 – C6	**C7 Organic chemistry** How can we separate the compounds in crude oil?	**C7 Organic chemistry** What happens during cracking?	**C7 Organic chemistry** What have we learnt in C7?
Cycle 2	**W/C 07/12**	**W/C 14/12**	**W/C 04/01**	**W/C 11/01**	**W/C 18/01**	**W/C 25/01**	**W/C 01/02**	**W/C 08/02**	**W/C 22/02**	**W/C 01/03**	**W/C 08/03**	**W/C 15/03**	**W/C 22/03**
	C8 Chemical analysis What is the difference between a pure and an impure substance?	**C8 Chemical analysis** How can we carry out chromatography?	**C8 Chemical analysis** How can we identify gases?	**C8 Chemical analysis** What have we learnt in C8?	**C10 Using resources** How can we make water safe to drink?	**C10 Using resources** How can we carry out distillation?	**C10 Using resources** How can we extract metals?	**What have we learnt?** Interleaving: C6	**What have we learnt?** Interleaving: C3 and C9	**What have we learnt?** Interleaving: C3 and C9	**C10 Using resources** What is a life cycle assessment?	**C10 Using resources** What have we learnt in C10?	**What have we learnt?** Interleaving: C6
Cycle 3	**W/C 12/04**	**W/C 19/04**	**W/C 26/04**	**W/C 03/05**	**W/C 10/05**	**W/C 17/05**	**W/C 24/05**	**W/C 07/06**	**W/C 14/06**	**W/C 21/06**	**W/C 28/06**	**W/C 05/07**	**W/C 12/07**
	What have we learnt? Interleaving: C6	**What have we learnt?** Interleaving: C1	**What have we learnt?** Interleaving: C2	**What have we learnt?** Interleaving: C4	**What have we learnt?** Interleaving: C5								