Class of 2024 – Triple Physics

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**
		P3 Particle model of matter How can we measure specific heat capacity?	**P4 Atomic structure** What is the structure of an atom?	**P4 Atomic structure** What is radiation?	**P4 Atomic structure** How can we measure radioactivity?	**P4 Atomic structure** How can we use nuclear radiation?	**P4 Atomic structure** What is nuclear fission?	**P4 Atomic structure** What is nuclear fusion?	**What have we learnt?** Interleaving: P1, P3 and P4	**What have we learnt?** Interleaving: P1, P3 and P4and P4	**P2 Electricity** How can we represent circuits?	**P2 Electricity** How can we investigate potential difference?	**P2 Electricity** What are resistors?
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**
	P2 Electricity What have we learnt so far in P2?	**P2 Electricity** What is the difference between series and parallel circuits?	**P2 Electricity** How can we measure power?	**P2 Electricity** What is the national grid?	**P2 Electricity** What are electric fields?	**P2 Electricity** What have we learnt in P2?	**What have we learnt?** Interleaving: P3	**What have we learnt?** Interleaving: P1, P2, P3 and P4	**What have we learnt?** Interleaving: P1, P2, P3 and P4	**What have we learnt?** Interleaving: P1, P2, P3 and P4	**P5 Forces** What different types of forces are there?	**P5 Forces** How can we represent forces?	**P5 Forces** What does it mean to 'resolve' a force?
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**
	P5 Forces How are forces linked to elasticity?	**P5 Forces** How can we investigate the effect of a force on extension?	**P5 Forces** How can we measure pressure in fluids?	**P5 Forces** What have we learnt in P5?	**P5 Forces** How can we calculate speed?	**P5 Forces** How can we calculate acceleration?	**P5 Forces** What does 'terminal velocity' mean?	**P5 Forces** How can we investigate acceleration?	**What have we learnt?** Interleaving: C1, C2, C3, C4, C5, C6 and C9	**What have we learnt?** Interleaving: C1, C2, C3, C4, C5, C6 and C9	**P5 Forces** What is the relationship between forces and braking?	**P5 Forces** What happens when momentum changes?	**P5 Forces** What have we learnt in P5?