

Class of 2024 PHYSICS

Long Term Plan 2021-22



	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
	W/C 30/08	W/C 06/09	W/C 13/09	W/C 20/09	W/C 27/09	W/C 04/10	W/C 11/10	W/C 01/11	W/C 08/11	W/C 15/11	W/C 22/11	W/C 29/11	W/C 06/12
Cycle 1			Marked task lesson 3	Marked task lesson 5 (Triple)	Marked task lesson 8		Marked task lesson 11					End of topic assessment	
	Student Induction	P6 Waves What types of waves are there?	P6 Waves How can we measure the speed of sound?	P6 Waves Triple: How does the ear work? Combined: P7 revision	P6 Waves What is the electromagnetic spectrum?	P6 Waves How does refraction work?	P6 Waves How can we investigate IR radiation?	P6 Waves Triple: how do lenses work? Combined: P7 revision	What have we learnt? Interleaving: P1 – P6	What have we learnt? Interleaving: P1 – P6	What have we learnt? Interleaving: P1 – P6	P6 Waves Triple: what is radiation? Combined: P7 revision	P7 Magnetism What is a magnetic field?
		Remote Task: Waves lessons Resources: link	Remote Task: Waves lessons Resources: link	Remote Task: Waves lessons Resources: link	Remote Task: Waves lessons Resources: link	Remote Task: Waves lessons Resources: link	Remote Task: Waves lessons Resources: link	Remote Task: Waves lessons Resources: link	Remote Task: P1 – P6 lessons Resources: link	Remote Task: P1 – P6 lessons Resources: link	Remote Task: P1 – P6 lessons Resources: link	Remote Task: Waves lessons Resources: link	Remote Task: Magnetism lessons Resources: link
Cycle 2	W/C 13/12	W/C 03/01	W/C 10/01	W/C 17/01	W/C 24/01	W/C 31/01	W/C 07/02	W/C 14/02	W/C 28/02	W/C 07/03	W/C 14/03	W/C 21/03	W/C 28/03
	Marked task lesson 3		Marked task lesson 8	End of topic assessment									
	P7 Magnetism What is an electromagnet ?	P7 Magnetism How does the motor effect work?	P7 Magnetism Triple: How do loudspeakers and microphones work? Combined: P7 revision	P7 Magnetism Triple: What is the generator effect? Combined: P7 revision	Combined: P1 Energy REVISION P8 Space physics (triple only) What is the life cycle of stars?	Combined: P1 Energy REVISION P8 Space physics (triple only) What is red shift?	Combined: P2 Electricity REVISION P8 Space physics (triple only) What have we learnt in P8?	P2 Electricity REVISION	What have we learnt? Interleaving: P1 – P7	What have we learnt? Interleaving: P1 – P7	What have we learnt? Interleaving: P1 – P7	P3 Particle model of matter REVISION	P4 Atomic structure REVISION
Remote Task: Magnetism lessons Resources: link	Remote Task: Magnetism lessons Resources: link	Remote Task: Magnetism lessons Resources: link	Remote Task: Magnetism lessons Resources: link	Remote Task: Energy lessons Resources: link	Remote Task: Energy lessons Resources: link	Remote Task: Electricity lessons Resources: link	Remote Task: Electricity lessons Resources: link	Remote Task: P1 – P7 lessons Resources: link	Remote Task: P1 – P7 lessons Resources: link	Remote Task: P1 – P7 lessons Resources: link	Remote Task: Particle model lessons Resources: link	Remote Task: Atomic structure lessons Resources: link	

Cycle 3

	W/C 04/04	W/C 25/04	W/C 02/05	W/C 09/05	W/C 16/05	W/C 23/05	W/C 06/06	W/C 13/06	W/C 20/06	W/C 27/06	W/C 04/07	W/C 11/07	W/C 18/07
	P5 Forces REVISION	P5 Forces REVISION	P5 Forces REVISION	P6 Waves REVISION	P6 Waves REVISION	P7 Magnetism REVISION	P7 Magnetism REVISION						
	Remote Task: Forces lessons	Remote Task: Forces lessons	Remote Task: Forces lessons	Remote Task: Waves lessons	Remote Task: Waves lessons	Remote Task: Magnetism lessons	Remote Task: Magnetism lessons						
	Resources: link	Resources: link	Resources: link	Resources: link	Resources: link	Resources: link	Resources: link						