

Long Term Plan: Year 9 Triple Physics (3 lessons a week)

T e r m 1	W.C 02/09	W.C 09/09	W.C 16/09	W.C 23/09	W.C 30/09	W.C 07/10	W.C 14/10	W.C 21/10	W.C 04/11	W.C 11/11	W.C 18/11	W.C 25/11	W.C 02/12	W.C 09/12	W.C 16.12
	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1
	Introductio n to Physics	Unit 6.1 Energy types energy transfers kinetic energy	Unit 6.1 elastic energy gpe shc	Unit 6.1 req prac: SHC power	Test and Feed forward	Unit 6.1 thermal conductivity req prac: insulation	Unit 6.1 Efficiency Energy sources ext writing	Unit 6.2 symbols current voltage resistance	Unit 6.2 Ohm's law req Prac: resistance of a wire	Unit 6.2 IV graphs req prac: IV graphs	Unit 6.2 series and parallel circuit laws resistance in series and parallel	Unit 6.2 DC and AC mains elec plugs	Test and Feed Forward	Unit 6.2 power appliances Nat grid	Unit 6.2 Static electricity electric fields
T e r m 2	W.C 06/01	W.C 13/01	W.C 20/01	W.C 27/01	W.C 03/02	W.C 10/02	W.C 24/02	W.C 02/03	W.C 09/03	W.C 16/03	W.C 23/03	W.C 30/03			
	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	Science Week	Physics Paper 1	Physics Paper 1			
	Unit 6.3 Density req Prac: Density	Unit 6.3 states of matter internal energy SHC	Unit 6.3 Latent heat motion in a gas	Unit 6.3 Pressure in a gas	Test and Feed Forward	Unit 6.4 Atomic structure developme nt of the atom	Unit 6.4 mass number isotopes	Unit 6.4 alpha, beta and gamma equations decay	Unit 6.4 half lives contamina tion	Engaging lessons	Test and Feed forward	Unit 6.4 backgroun d radiation uses			
T e r m 3	W.C 20/04	W.C 27/04	W.C 04/05	W.C 11/05	W.C 18/05	W.C 01/06	W.C 08/06	W.C 15/06	W.C 22/06	W.C 29/06	W.C 06/07	W.C 13/07			
	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	MOCKS	Physics Paper 2	Physics Paper 2	Physics Paper 2			
	Unit 6.4 Fission and Fusion	Test and Feed Forward	Revise 6.2 DTT	Revise 6.3 DTT	Revise 6.1 DTT	Revision	Revision	Revision	Test and Feed Forward	Unit 6.5 scalar and vector forces gravity	Unit 6.5 resultant forces work done	Unit 6.5 Hooke's law req prac: hooke's law			

Long Term Plan: Year 10 Triple

	W.C 02/09	W.C 09/09	W.C 16/09	W.C 23/09	W.C 30/09	W.C 07/10	W.C 14/10	W.C 21/10	W.C 04/11	W.C 11/11	W.C 18/11	W.C 25/11	W.C 02/12	W.C 09/12	W.C 16.12	
T e r m 1	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 2	
	Introduction to Physics	Unit 6.5 Scalar and vector forces gravity	Unit 6.5 resultant forces work done	Test and Feed Forward	Unit 6.5 Hooke's law req Prac: Hooke's law	Unit 6.5 Moments, levers and gears	Unit 6.5 Pressure in a fluid pressure in a fluid due to a column	Unit 6.5 atmospher ic pressure speed, velocity and displacem ent	Unit 6.5 distance time graphs acceleratio n	Unit 6.5 Newton's laws req prac: acceleratio n due to mass	Unit 6.5 stopping distances Reaction time	Test and Feed Forward	Unit 6.5 Momen tum	Unit 6.5 Transve rse and longitud inal poperti es and wave eqn	Unit 6.6 req prac: waves	
	W.C 06/01	W.C 13/01	W.C 20/01	W.C 27/01	W.C 03/02	W.C 10/02	W.C 24/02	W.C 02/03	W.C 09/03	W.C 16/03	W.C 23/03	W.C 30/03				
Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 2					
Unit 6.6 Reflection of waves req prac: reflection and refraction	Unit 6.6 sound waves waves for detection	Test and Feed Forward	Unit 6.6 EM spectrum	Unit 6.6 Lenses black body radiation	Unit 4.7 poles of a magnet magnetic fields	Unit 4.7 Electroma gnets Fleming's left hand rule	Unit 4.7 Motor effect loudspeak ers	Unit 4.7 induced potential transforme rs Nat grid	Test and Feed Forward	Recap Fission and fusion	Unit 4.8 solar system Life cycle of a star ext writing					
T e r m 2	W.C 20/04	W.C 27/04	W.C 04/05	W.C 11/05	W.C 18/05	W.C 01/06	W.C 08/06	W.C 15/06	W.C 22/06	W.C 29/06	W.C 06/07	W.C 13/07				
	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	MOCKS	MOCKS	Revision	Revision	Revision				
	Unit 4.8 orbital motion and satellites	Unit 4.8 red shift	Test and Feed Forward	Revision Unit 5.1 DTT	Revision Unit 5.2 DTT	Revision 5.3 DTT	Revision 5.4 DTT	Test and Feed Forward	Test and Feed Forward							
T e r m 3	W.C 20/04	W.C 27/04	W.C 04/05	W.C 11/05	W.C 18/05	W.C 01/06	W.C 08/06	W.C 15/06	W.C 22/06	W.C 29/06	W.C 06/07	W.C 13/07				
	Physics Paper 2	Physics Paper 2	Physics Paper 2	Physics Paper 1	Physics Paper 1	Physics Paper 1	Physics Paper 1	MOCKS	MOCKS	Revision	Revision	Revision				
	Unit 4.8 orbital motion and satellites	Unit 4.8 red shift	Test and Feed Forward	Revision Unit 5.1 DTT	Revision Unit 5.2 DTT	Revision 5.3 DTT	Revision 5.4 DTT	Test and Feed Forward	Test and Feed Forward							