

Year:11 Subject: Physics (Trilogy)

IMPLEMENTATION

	Year:11 Subject: Physics (Trilogy)					
	IMPLEMENTATION					
INTENT (including key concepts and skills)	Half Term 1 Context: P5 Waves	Half Term 2 Context: P6 Magnetism and Electromagnetism	Half Term 3 Context: Revision of key principles from years 9 and 10	Half Term 4 Context: Revision of key principles from years 10 and 11	Half Term 5 Context: Revision of all content during all Science lessons until the final Physics exam takes place.	Half Term 6 Context: Revision of all content during all Science lessons until the final Physics exam takes place.
	Key Vocabulary: Radio, microwave, infrared, UV, X-rays, gamma, electromagnetic spectrum, communications.	Key Vocabulary: Magnetic fields, motors, electrons, current	Structured lessons will take place revisiting key principles from the GCSE topics P1-P3	Structured lessons will take place revisiting key principles from the GCSE topics P4-P6	This will include lots of exam techniques being taught alongside exam style questions.	This will include lots of exam techniques being taught alongside exam style questions.
	Prior Learning Y7 E2 Energy in circuits Y8 E4 Energy and Waves. Y9 E5 Using Energy + P1 Energy (GCSE topic)	Prior Learning Y8 E4 Energy and waves Y9 E5 Using energy + P1 Energy (GCSE topic)				
	Cultural Capital: How mobile phones work and the dangers associated.	Cultural Capital: How motors generate electricity.				
Applying knowledge and understanding to explain observations	X	X	X	X	X	X
Use different types of scientific enquiry to answer scientific questions	X	X	X	X	X	X
Use technical terminology with confidence accuracy and precisely	X	X	X	X	X	X
Apply mathematical knowledge to scientific understanding	X	X	X	X	X	X
Aware of some of the social and economic implications of science	X	X	X	X	X	X
IMPACT	Assessment: P5 End of Topic Assessment	Assessment: P6 End of Topic Assessment and December GCSE Pre Public Exam on Paper 1 Content.	Assessment:	Assessment: GCSE Pre Public Exam on Paper 2 content.	Assessment: Live Exams begin.	Assessment: Live exams taking place.

Cultural Capital is the body of knowledge a student needs so that they can flourish in the future and not be left behind.