

# Physics Long Term Plan Year 11 2020-21

## Temperance Term

<b>W/C</b>	7th September	14th September	21st September	28th September	5th October	12th October	19th October	<b>HALF TERM</b>
Topic	<b>Review</b>	<b>P7 – Electromagnetism and Magnetism</b>						
	Review of Y10 home learning	Describe the use of magnets, including their magnetic field. Interpret diagrams of solenoids and determine the direction of force using Flemings Left Hand rule. Describe uses of electromagnets.						
Challenge	Grade 7, 8, 9 challenge questions	Determine the resultant force on a wire from a circuit diagram, including electricity flow. Explain how to improve the strength of an electromagnet.						
Assessment	Self assessment and in-class tests	End of unit exams						
<b>W/C</b>	2nd November	9th November	16th November	23rd November	30th November	7th December	<b>CHRISTMAS</b>	
Topic	<b>Combined – P7 Electromagnetism and Magnetism / Separate – P8 Space Physics</b>				<b>Mocks</b>			
	P7 - Describe the use of magnets, including their magnetic field. Interpret diagrams of solenoids and determine the direction of force using Flemings Left Hand rule. Describe uses of electromagnets.							
Challenge	P7 - Determine the resultant force on a wire from a circuit diagram, including electricity flow. Explain how to improve the strength of an electromagnet.							
Assessment	End of Unit exams				<b>Year 11 Mock Exams</b>			

# Physics Long Term Plan Year 11 2020-21

## Justice Term

<b>W/C</b>	4 <sup>th</sup> January	11 <sup>th</sup> January	18 <sup>th</sup> January	25 <sup>th</sup> January	1 <sup>st</sup> February	8 <sup>th</sup> February	<b>HALF TERM</b>
Topic	<b>P1- Energy</b>		<b>P2- Electricity</b>		<b>P3- Particle Model of Matter</b>		
	Revision		Revision		Revision		
Challenge	Grade 7, 8, 9 challenge questions		Grade 7, 8, 9 challenge questions		Grade 7, 8, 9 challenge questions		
Assessment	Self assessment and in-class tests		Self assessment and in-class tests		Self assessment and in-class tests		
<b>W/C</b>	22 <sup>nd</sup> February	1 <sup>st</sup> March	8 <sup>th</sup> March	15 <sup>th</sup> March	22 <sup>nd</sup> March	29 <sup>th</sup> March	
Topic	<b>EASTER</b>	<b>P4- Atomic Structure</b>		<b>P5- Force</b>		<b>P6- Waves</b>	
		Revision		Revision		Revision	
Challenge		Grade 7, 8, 9 challenge questions		Grade 7, 8, 9 challenge questions		Grade 7, 8, 9 challenge questions	
Assessment		Self assessment and in-class tests		Self assessment and in-class tests		Self assessment and in-class tests	
	<b>Year 11 Mock Exams (if exams normal time. 29.3 if exams later)</b>						

# Physics Long Term Plan Year 11 2020-21

## Courage Term

<b>W/C</b>	19 <sup>th</sup> April	26 <sup>th</sup> April	3 <sup>rd</sup> May	10 <sup>th</sup> May	17 <sup>th</sup> May	24 <sup>th</sup> May	<b>HALF TERM</b>
Topic	<b>P6- Waves</b>	<b>P7- Magnetism and Electromagnetism</b>		<b>Physics Skills Separate – P8 Space Physics</b>	<b>Year 11 on bespoke revision timetable?</b>		
	Revision	Revision		Revision			
Challenge	Grade 7, 8, 9 challenge questions	Grade 7, 8, 9 challenge questions		Grade 7, 8, 9 challenge questions			
Assessment	Self assessment and in-class tests	Self assessment and in-class tests		Self assessment and in-class tests	GCSE Exams		
<b>W/C</b>	7 <sup>th</sup> June	14 <sup>th</sup> June	21 <sup>st</sup> June	28 <sup>th</sup> June	5 <sup>th</sup> July	12 <sup>th</sup> July	<b>SUMMER</b>
Topic	<b>Year 11 on optional revision timetable?</b>	<b>Year 11 on study leave?</b>					
Challenge							
Assessment							