

# Physics Long Term Plan Year 11 2019-20

## Temperance Term

<b>W/C</b>	2nd September	9th September	16th September	23rd September	30th September	7th October	14th October	21st October	
Topic	<b>P7 –Electromagnetism and Magnetism</b>								
	Illustrate the transfer of energy by electromagnetic waves. Describe electromagnet operation and uses.								
Challenge	Use wave front diagrams to explain refraction in terms of the change of speed that happens when a wave travels from one medium to a different medium.								
Assessment	End of unit exams								
<b>W/C</b>	<b>HALF TERM</b>	4th November	11th November	18th November	25th November	2nd December	9th December	<b>CHRISTMAS</b>	
Topic		<b>Recap P1-7, including required practicals</b>				<b>Year 11 Mock Exams</b>			
		Recap any specific areas of weakness before mock exams. Recap all required practicals.							
Challenge		Apply equations to required practicals, link to knowledge of content. Challenge questions in every topic.							
Assessment		End of Unit exams							

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## Justice Term

<b>W/C</b>	6 <sup>th</sup> January	13 <sup>th</sup> January	20 <sup>th</sup> January	27 <sup>th</sup> January	3 <sup>rd</sup> February	10 <sup>th</sup> February	<b>HALF TERM</b>
Topic	<b>P1- Energy transfers</b>		<b>P2- Electricity</b>		<b>P3- Particle model</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>	24 <sup>th</sup> February	2 <sup>nd</sup> March	9 <sup>th</sup> March	16 <sup>th</sup> March	23 <sup>rd</sup> March	30 <sup>th</sup> March	
Topic	<b>Year 11 Mock Exams</b>	<b>P4- Atomic structure and radiation</b>		<b>P5- Forces</b>		<b>P6- Waves</b>	<b>EASTER</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	

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## Courage Term

<b>W/C</b>	20 <sup>th</sup> April	27 <sup>th</sup> April	4 <sup>th</sup> May	11 <sup>th</sup> May	18 <sup>th</sup> May	<b>HALF TERM</b>
Topic	<b>P6- Waves</b>	<b>P7 – Electromagnetism and magnetism</b>				
	Revision	Revision				
Challenge	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		GCSE Exams		
<b>W/C</b>	1 <sup>st</sup> June	8 <sup>th</sup> June	15 <sup>th</sup> June	22 <sup>nd</sup> June	29 <sup>th</sup> June	6 <sup>th</sup> July
Topic	Year 11 on optional revision timetable	Year 11 on study leave				
Challenge						
Assessment						