

Curriculum Plan		Subject	Physics	Year	11D4
Spring 2		W/C 22 <sup>nd</sup> February	W/C 1 <sup>st</sup> March	W/C 8 <sup>th</sup> March	
How you will access home learning		Students to be provided with weekly updates through SMHW; details to include slides used in school in form of PPT, any Kerboodle resources and quizzes linked, Bitesize and relevant YT links, and in some cases there will be a relevant video lesson. See 'if you get stuck' for details. If it is practicable, lessons may be broadcast live from the lab on Teams. This will be announced on Show My Homework before the lesson takes place.			
How you be able to interact with your teacher and gain feedback on your work		Teachers will be available to contact via Teams and SMHW (and school email). If you are submitting work, the easiest and most consistent way to do so is to attach it to a Show My Homework message. If it is practicable, lessons may be broadcast live from the lab on Teams. This will be announced on Show My Homework before the lesson takes place.			
<b>Retrieval</b> How we will help you to recall previously learnt knowledge		Lessons will begin with a short retrieval quiz. Format will be multiple choice questions to test basic subject knowledge or definitions of key vocabulary, as well as sometimes including a more involved question using a technique from a previous lesson.  Some of these retrieval quizzes will be set via Kerboodle, some via MS Forms, and some on BBC Bitesize.			
New Learning	What you will be learning about this week	This week you are revising the <b>Energy</b> topic: <ul style="list-style-type: none"><li>• Energy stores</li><li>• Storing energy</li><li>• Calculating changes in energy</li><li>• Energy transfers</li><li>• Mechanical work</li><li>• Electrical work</li></ul>	This week you are revising the <b>Forces</b> topic: <ul style="list-style-type: none"><li>• Velocity, speed, vectors</li><li>• Acceleration distance displacement</li><li>• Contact, non-contact forces</li><li>• Distance, time graphs</li><li>• Motion questions</li></ul>	This week you are revising the <b>Atomic Structure</b> topic	
				<ul style="list-style-type: none"><li>• Discovery of the nucleus</li><li>• Changes in nuclear decay</li><li>• Nature of nuclear radiation</li><li>• Half Life</li></ul>	

		<ul style="list-style-type: none"> <li>• Efficiency</li> <li>• Power</li> <li>• Renewable resources</li> <li>• Non-renewable resources</li> <li>• Practice end of topic test</li> </ul>	<ul style="list-style-type: none"> <li>• Gravity</li> <li>• Resultant forces</li> </ul>	
	How we will teach you the new knowledge or ideas	<p>A live lesson will be conducted by your Y11 teacher for you to engage in remotely. The assignment link and any other work will be posted on SMHW.</p> <p>If no lesson is available or you are unable to access Seneca or Kerboodle, use this video lesson as a substitute;</p> <p><a href="https://web.microsoftstream.com/video/76ecb48e-f0f3-4243-8f59-f23d5d246307">https://web.microsoftstream.com/video/76ecb48e-f0f3-4243-8f59-f23d5d246307</a></p>	<p>A live lesson will be conducted by your Y11 teacher for you to engage in remotely. The assignment link and any other work will be posted on SMHW.</p> <p>If no lesson is available or you are unable to access Seneca or Kerboodle, use this video lesson as a substitute;</p> <p><a href="https://web.microsoftstream.com/video/363f6e70-420a-4ab9-b698-e239bfe2e5f1">https://web.microsoftstream.com/video/363f6e70-420a-4ab9-b698-e239bfe2e5f1</a></p>	<p>A live lesson will be conducted by your Y11 teacher for you to engage in remotely. The assignment link and any other work will be posted on SMHW.</p> <p>If no lesson is available or you are unable to access Seneca or Kerboodle, use this video lesson as a substitute;</p> <p><a href="https://web.microsoftstream.com/video/3dfc8438-09db-41b7-85bd-604022cdbb9f">https://web.microsoftstream.com/video/3dfc8438-09db-41b7-85bd-604022cdbb9f</a></p>
	Activities that will help you learn and practice what you've been taught	<p>It is important you review your answers and ask teachers for support/ use BBC Bitesize or other online resources to explain any area you found challenging on the exam.</p> <p>Summarisation of revision notes into flashcards and practicing exam questions are strongly recommended. Model examples of flashcards and exam questions with answers can be found at "physicsandmathstutor.com"</p>		
	What you can do if you are stuck	<p>If you are stuck, you can contact Mr Richardson over SMHW, TEAMS or email and he will respond promptly. You can access the Physics textbook on Kerboodle, as well as many relevant resources.</p>		

		W/C 15 <sup>th</sup> March	W/C 22 <sup>nd</sup> March	W/C 29 <sup>th</sup> March
How you will access home learning		<p>Where appropriate, your teacher will organise a live TEAMS transmission of your lesson. Please log in and engage with the lesson as much as possible. If you are unable to do so, your teacher will ensure work is set over SMHW for the week ahead</p> <p><b>Log onto the correct channel at the time requested in your SMHW post. If no post is active and the teacher is absent, refer below for the relevant video lesson</b></p>		
How you be able to interact with your teacher and gain feedback on your work		<p>You will be able to contact your teacher and submit any work to them via SMHW, MS Teams or email. Feedback will be issued using these services. SMHW will be your first point of contact for any instructions from your teacher.</p>		
<b>Retrieval</b> How we will help you to recall previously learnt knowledge		<p>Each lesson will start with a retrieval quiz. This quiz will primarily be on information from the previous lesson but can include questions from previous topics as the teacher feels is required. The teacher will also look at data from previous work and use this to recap key points and address issues.</p>		
New Learning	What you will be learning about this week	<p><b>This week you are revising the Electricity topic:</b></p> <ul style="list-style-type: none"> <li>• Series and Parallel Circuits</li> <li>• Potential difference, current and resistance</li> </ul>	<p><b>This week you are (still) revising the Electricity topic:</b></p> <ul style="list-style-type: none"> <li>• Power in electric circuits</li> <li>• Mains electricity</li> </ul>	<p><b>This week we will use for consolidating work we have already looked at; we will develop a plan over the course of the prior five weeks.</b></p>

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