

Curriculum Plan		Physics A-Level (Y13)		Autumn term 2 2020-2021	
		W/C 2 nd November	W/C 9 th November	W/C 16 th November	
How you will access home learning		<p>Students as a first point of call will be expected to log onto MS Teams at the time of lesson start and interact with the lesson as normally as possible. Relevant worksheets and PowerPoints will be uploaded to the TEAMS shared area prior to lesson. Students will be urged to familiarise themselves with the resources prior to the lesson if possible. As a fall-back, a more abridged and self-regulated learning based task will be set if the student in question is absent and not on the teams lesson.</p>			
How you be able to interact with your teacher and gain feedback on your work		<p>The chat function or verbal communication will be used as best suits the teacher and student. Feedback activities in lesson will be similar to that done normally. In the caser of self-regulated work, students will be expected to either send this work to the teacher via email or bring it physically with them to the next available lesson for review.</p>			
Retrieval How we will help you to recall previously learnt knowledge		<p>Retrieval based activities in lesson will take the form of low stakes testing and opportunities to review past learning incorporated into lesson planning. GCSE revision videos and knowledge builders are also available for students to use in order to recap previous GCSE knowledge prior to the lesson. We will also be supplying A-level video lessons that can be used for at-home revision as they become available.</p>			
New	What you will be learning about this week	GCSE Revision: discovery of subatomic structures (electron, nucleus)	Particle Accelerators, Particle detection, the LHC	Sub-nucleonic structure, the fundamental forces	

	<p>How we will teach you the new knowledge or ideas</p>	<p>Primarily through TEAMS broadcast of lesson, whereupon students will be welcome to interact with teachers and other students through the TEAMS chat or verbally. Alternative provision of resources that will allow students to review and practice key ideas will also be supplied as needed. For CPAC core practical work, students will be able to access a mobile webcam which will allow them to collect results virtually with other students in lesson. Model results and provision to achieve the skills required to pass the core practical work will also be supplied.</p>
	<p>Activities that will help you learn and practice what you've been taught</p>	<p>Students have been supplied textbooks that have practice questions as well as revision guides to help consolidate and practice what they have learned. Online questions are available from physicsandmathstutor.com with answers for students to practice exam questions based on what was learned.</p>
	<p>What you can do if you are stuck</p>	<p>Both teachers of Y13 can be reached on TEAMS or email to offer support as needed. Additional support is also available via the SENECA learning platform which students will be made aware of.</p>

		W/C 23 rd November	W/C 30 th November	W/C 7 th December	W/C 14 th December
How you will access home learning		Students as a first point of call will be expected to log onto MS Teams at the time of lesson start and interact with the lesson as normally as possible. Relevant worksheets and PowerPoints will be uploaded to the TEAMS shared area prior to lesson. As a fall-back, a more abridged and self-regulated learning based task will be set if the student in question is absent and not on the teams lesson.			
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New Learning	What you will be learning about this week	Particle interaction, $E=mc^2$	Topic 8 end of topic exam, feedback	Revision and practice of A-Level Paper 1 mock examination questions	Revision and practice of As Paper 1 mock examination questions
	How we will teach you the new knowledge or ideas	Primarily through TEAMS broadcast of lesson, whereupon students will be welcome to interact with teachers and other students through the TEAMS chat or verbally. Alternative provision of resources that will allow students to review and practice key ideas will also be supplied as needed. For CPAC core practical work, students will be able to access a mobile webcam which will allow them to collect results virtually with other students in lesson. Model results and provision to achieve the skills required to pass the core practical work will also be supplied.			
	Activities that will help you learn and practice what you've been taught	Students have been supplied textbooks that have practice questions as well as revision guides to help consolidate and practice what they have learned. Online questions are available from physicsandmathstutor.com with answers for students to practice exam questions based on what was learned.			

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