Curriculum Plan		Subject	Physics		Year	13
Spring 2		W/C 22 nd February		W/C 1 st March	W/C 8 th March	
How you will access home learning All lessons will be transmitted via MS Teams and (in some cases) recorded for unable to log in at the time of the lesson. These transmissions can be accessed tablet. In the event you have no way to access these transmissions or record work on SMHW. If for any reason your teacher is unavailable and work has not what we have learned so far. High guality revision material			r additional on MS Team ings, your te been set, ple can be four	access or in case you are as via laptop, smartphone or eacher will set alternative ease use your time to revise ad <u>here</u> .		
How you be able to interact with your teacher and gain feedback on your work		Teachers will be able to communicate over the MS Teams chat function, the SMHW chat function or via email. If you are accessing the lesson via SMHW transmission you will be allowed to communicate with other students using the TEAMS chat where appropriate.				
Ho rea	Retrieval wwwewill help you to call previously learnt knowledge	Each lesson will sto question quiz for ret are not accessing through TEAMS tr click here for an or	art with a 5 rieval. If you the lesson ransmission, nline version	Each lesson will start with a 5 question quiz for retrieval. If you are not accessing the lesson through TEAMS transmission, click here for an online version	Each le question are no through T here	sson will start with a 5 quiz for retrieval. If you t accessing the lesson EAMS transmission, click for an online version
New Learning	What you will be learning about this week	 This week you will b your work on the As topic; Describe the use to determ to immediate b nearby stars of distant galaxie Define the "an it's use in part of finding dist Define the AU lightyear 	e continuing trophysics methods we ine distance bodies, and more es rcsecond" and allax methods rance J, Parsec and	 This week we will be learning about star classification types; Recall key information form the "nuclear fusion" and "gravity" topics Describe the different stellar classifications Draw and annotate a Hertzsprung Russel diagram to outline the "life cycle" of a type G (sunlike) star 	This week about the the big but the univer to end; • Rec dop • Des Hub • Use mat des of	k we will be learning e universe, specifically ang theory, the age of rse and how it is likely call key ideas about opler shift and red shift scribe and use the oble constant e knowledge of dark tter and energy to ccribe the possible end the universe

-	How we will teach you the new knowledge or ideas	Relevant notes and ppts for this lesson can be found here. You will need to make your own notes using these as a reference.	Relevant notes and ppts for this lesson can be found here. You will need to make your own notes using these as a reference.	Relevant notes and ppts for this lesson can be found here. You will need to make your own notes using these as a reference.
	Activities that will help you learn and practice what you've been taught	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"	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"	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"
What you can do if you are stuck vou can also use SENECA learning (<u>here</u>) for an alternative description of key id useful. In addition, where possible, teachers will record their lessons on MS Teams which alternative teaching method for the key ideas being taught.				AMS or email and they will respond scription of key ideas you might find n MS Teams which may allow you an eing taught.

		W/C 15 th March	W/C 22 nd March	W/C 29 th March		
How you will access home learning		All lessons will be transmitted via MS Teams and (in some cases) recorded for additional access or in case you are unable to log in at the time of the lesson. These transmissions can be accessed on MS Teams via laptop, smartphone or tablet. In the event you have no way to access these transmissions or recordings, your teacher will set alternative work on SMHW. If for any reason your teacher is unavailable and work has not been set, please use your time to revise what we have learned so far. High quality revision materials can be found <u>here</u> .				
How you be able to interact with your teacher and gain feedback on your work		Teachers will be able to communicate over the MS Teams chat function, the SMHW chat function or via email. If you are accessing the lesson via SMHW transmission you will be allowed to communicate with other students using the TEAMS chat where appropriate.				
Retrieval How we will help you to recall previously learnt knowledge		Each lesson will start with a 5 question quiz for retrieval. If you are not accessing the lesson through TEAMS transmission, click here for an online version	Each lesson will start with a 5 question quiz for retrieval. If you are not accessing the lesson through TEAMS transmission, click here for an online version	Each lesson will start with a 5 question quiz for retrieval. If you are not accessing the lesson through TEAMS transmission, click here for an online version		
New Learning	What you will be learning about this week	This week we will be revising and sitting a formative assessment on the astrophysics and gravity topics	 This week we will be feeding back on the formative assessment from last week and starting the oscillations topic; Describe simple harmonic oscillators and the rules they follow Derive expressions for acceleration, velocity and force acting on simple harmonic oscillators 	 This week we will be learning about the energy in simple harmonic oscillators; Recall key formulae form previous topics Describe and form expressions for the total energy, kinetic energy and potential energy at different points of a simple harmonic oscillation Describe dampening and its effect on SHM 		

	How we will teach you the new knowledge or ideas	This assessment is designed to demonstrate what students are already good at and what might be areas of weakness.	Relevant notes and ppts for this lesson can be found here. You will need to make your own notes using these as a reference.	Relevant notes and ppts for this lesson can be found here. You will need to make your own notes using these as a reference.	
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	What you can do if you are stuck	If you are stuck, you can contact your physics teacher over SMHW, TEAMS or email and they will respond promptly. You can also use SENECA learning (<u>here</u>) for an alternative description of key ideas you might find useful. In addition, where possible, teachers will record their lessons on MS Teams which may allow you an alternative teaching method for the key ideas being taught.			