

Curriculum Plan		Subject	Science (Physics) unit 3: Energy	Year	7
		W/C 21 <sup>st</sup> February	W/C 1 <sup>st</sup> March	W/C 8 <sup>th</sup> March	
How you will access home learning		Work will be set via SMHW by the teacher. Any resources required will be included in the SMHW post or be accessible via a link included in the assignment.			
How you be able to interact with your teacher and gain feedback on your work		Primary contact will be via the chat function of SMHW or via email. There may be times where the teacher feels use of MS Teams can be used to teach a lesson or provide a platform for students to seek live support or feedback in their learning.			
<b>Retrieval</b> How we will help you to recall previously learnt knowledge		Each lesson will include a retrieval quiz at the start of the lesson. This quiz will primarily be on information from the previous lesson but can include questions from previous topics as the teacher feels is required.			
New Learning	What you will be learning about this week	Energy part 1: Introduction to Energy - food and fuels Energy stores Energy stores and pathways	-Energy and temperature Energy transfer by particles: -conduction -convection	-Energy transfer by radiation -Revision checkpoint  Energy part 2: -Non-renewable Energy	
	How we will teach you the new knowledge or ideas	You will be asked to work through a lesson on powerpoint and complete activities as set by your teacher. If your teacher is absent, watch these videos on Energy Stores and Transfers: <a href="#">Energy stores and transfers (Part 1) (thenational.academy)</a>	You will be asked to work through a lesson on powerpoint and complete activities as set by your teacher. If your teacher is absent, watch this video on conduction and convection : <a href="#">Conduction (thenational.academy)</a> <a href="#">Convection (thenational.academy)</a>	You will be asked to work through a lesson on powerpoint and complete activities as set by your teacher. If your teacher is absent, watch these videos : <a href="#">Radiation (thenational.academy)</a> <a href="#">Mid topic review (thenational.academy)</a> <a href="#">Non-renewable energy resources (thenational.academy)</a>	

		<a href="#">Energy stores and transfers (Part 2)</a> <a href="#">(thenational.academy)</a>		
	Activities that will help you learn and practice what you've been taught	Your teacher will set practice activities, such as recap quizzes and quick check questions, as part of each lesson.		
	What you can do if you are stuck	<p>Teachers can be contacted by MS TEAMS, SMHW chat or email as required.</p> <p>Each lesson matches the Activate digital textbook available on Kerboodle if extra support is needed p140-157</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		Work will be set via SMHW by the teacher. Any resources required will be included in the SMHW post or be accessible via a link included in the assignment.			
How you be able to interact with your teacher and gain feedback on your work		Primary contact will be via the chat function of SMHW or via email. There may be times where the teacher feels use of MS Teams can be used to teach a lesson or provide a platform for students to seek live support or feedback in their learning.			
<b>Retrieval</b> How we will help you to recall previously learnt knowledge		Each lesson will include 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.			
New Learning	What you will be learning about this week	<ul style="list-style-type: none"> <li>- Non-Renewable Energy project work</li> <li>- Renewable energy</li> <li>- Renewable energy project work</li> </ul>	<ul style="list-style-type: none"> <li>-Energy and Power</li> <li>-Work, energy and machines</li> <li>-Revision checkpoint 2</li> </ul>	Revision of the Energy topic will be set by your teacher	
	How we will teach you the new knowledge or ideas	You will be asked to work through a lesson on powerpoint and complete activities as set by your teacher. If your teacher is absent, watch this video on : <a href="#">Renewable energy resources (thenational.academy)</a> <a href="#">Anne Easley (thenational.academy)</a>	You will be asked to work through a lesson on powerpoint and complete activities as set by your teacher. If your teacher is absent, watch this video on : <a href="#">Power and energy (thenational.academy)</a> <a href="#">Energy in the home (thenational.academy)</a>	Revision activities such as quizzes, practice questions and other retrieval activities. If your teacher is absent, watch this video on: <a href="#">End of topic review (thenational.academy)</a> <a href="#">Energy in food (thenational.academy)</a>	

	Activities that will help you learn and practice what you've been taught	Your teacher will set practice activities, such as recap quizzes and quick check questions, as part of each lesson.	
	What you can do if you are stuck	Teachers can be contacted by MS TEAMS, SMHW chat or email as required. Each lesson matches the Activate 1 digital textbook available on Kerboodle if extra support is needed p140-157	