

Key Stage 4 Curriculum Map 2021 - 2022

Term 2

Subject: Physics	Year: 11		
Focus/Topic	UAE Links	HPL Links	Home Learning / Reading
<ul style="list-style-type: none"> • Electricity 14.5 • Electricity 14.6 • Electricity 14.7 	Power stations in the UAE	<p>VAA: Empathetic Collaborative: <i>The ability to seek out opportunities to receive responses to your work; present your own views and ideas clearly and concisely; listen to the views of others; be willing and able to work in teams; take a variety of roles and be able to evaluate your own ideas and contributions.</i></p> <p>Students will be working together and collaborating with each other, sharing ideas and being empathetic.</p> <p>ACP: Analysing and linking Critical thinking: <i>The ability to deduct, hypothesise, reason, seek supporting evidence</i></p> <p>Students will work hard, analyse, link previous knowledge to new knowledge realise and create graphs, diagrams and answers to exam questions.</p>	Guided reading
<ul style="list-style-type: none"> • Household Electricity 16.1 • Household Electricity 16.2 • Household Electricity 16.3 	Electrical house safety in the UAE		Guided reading
<ul style="list-style-type: none"> • Household Electricity 16.4 • Household Electricity 16.5 • Household Electricity 16.6 	Electrical safety in companies in the UAE		Guided reading
<ul style="list-style-type: none"> • Household Electricity 16.7 • Recap topic 14 • Recap topic 16 	Electrical safety in schools in the UAE		Guided reading
<ul style="list-style-type: none"> • Assessment Topics 14, 16 • Motors, Generators and Transformers 15.1 • Motors, Generators and Transformers 15.2 	National Grid in the UAE		Guided reading
<ul style="list-style-type: none"> • Assessment review and feedback Topic 14,16 • Motors, Generators and Transformers 15.3 • Motors, Generators and Transformers 15.4 	Maglev trains Dubai- Abu Dhabi in 25min		Guided reading

		Learners also have to link previous knowledge from Y10 to what they are learning in Y11.	
Mid Term Break February			
<ul style="list-style-type: none"> • Motors, Generators and Transformers 15.5 • Motors, Generators and Transformers 15.6 • Motors, Generators and Transformers 15.7 	Maglev trains Dubai- Abu Dhabi in 25min	<p>VAA: Agile Open minded: <i>The ability to take an objective view of different ideas and beliefs; become more receptive to other ideas and beliefs based on the arguments of others; change ideas should there be compelling evidence to do so.</i></p> <p>Learners have to think outside of the box and apply their knowledge to new questions.</p> <p>ACP: Linking Connection finding: <i>The ability to use connections from past experiences to seek possible generalisations</i></p> <p>Learners have to link previous knowledge from Y10 to what they are learning in Y11.</p>	Guided reading
<ul style="list-style-type: none"> • Space 18.1 • Space 18.2 • Space 18.3 	Expo 2020 space section		Guided reading
<ul style="list-style-type: none"> • Space 18.4 • Space 18.5 • Recap topic 15 	Hazzaa al-Mansoori UAE Astronaut		Guided reading
<ul style="list-style-type: none"> • Recap topic 18 • Assessment topics 15,18 • Topics 1, 2 Revision 	N/A		Guided reading
<ul style="list-style-type: none"> • Assessment review and feedback Topics 15,18 • Topics 3, 4 Revision 	N/A		Guided reading
Spring Break			