

Key Stage 4 Curriculum Map 2021 - 2022

Term 2

Subject: Physics	Year: 10		
Focus/Topic	UAE Links	HPL Links	Home Learning / Reading
<ul style="list-style-type: none"> • Momentum 3.3 • Momentum 3.4 • Moments 4.1 	Bumper cars IMG world	<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 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"> • Moments 4.2 • Moments 4.3 • Moments 4.4 	Cranes in UAE		Guided reading
<ul style="list-style-type: none"> • Recap topic 3 • Recap topic 4 • Assessment Topics 3,4 	N/A		Guided reading
<ul style="list-style-type: none"> • Go through test 3,4 respond to feedback • Forces and Energy 5.1 • Forces and Energy 5.2 	Renewable energy resources in the UAE		Guided reading
<ul style="list-style-type: none"> • Forces and Energy 5.3 • Forces and Energy 5.4 • Forces and Energy 5.5 	Power consumption in the UAE		Guided reading
<ul style="list-style-type: none"> • Forces and Energy 5.6 • Forces and Energy 5.7 • Energy resources 6.1 	Power stations in UAE		Guided reading

Mid Term Break February

<ul style="list-style-type: none"> • Energy resources 6.2 • Energy resources 6.3 • Energy resources 6.4 	Power stations in UAE	<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>ACP: Linking Connection finding: <i>The ability to use connections from past experiences to seek possible generalisations</i></p>	Guided reading
<ul style="list-style-type: none"> • Recap topic 5 • Recap topic 6 • Assessment Topics 5,6 	Power consumption in the UAE		Guided reading
<ul style="list-style-type: none"> • Go through test 1, 2 respond to feedback • General properties of waves 7.1 • General properties of waves 7.2 	Ripple tank Waves at the palm		Guided reading
<ul style="list-style-type: none"> • General properties of waves 7.3 • General properties of waves 7.4 • General properties of waves 7.5 	Uses of waves in the UAE		Guided reading
<ul style="list-style-type: none"> • Electromagnetic waves 8.1 • Electromagnetic waves 8.2 • Electromagnetic waves 8.3 	Etisalat, Du Optical fibers		Guided reading

Spring Break