

## Key Stage 4 Curriculum Map 2021 - 2022

### Year 10- Term 1

Subject: Physics	Year: 10		
Focus/Topic	UAE Links	HPL Links	Home Learning / Reading
<ul style="list-style-type: none"> <li>• Baseline assessment</li> <li>• Expectations – books folders</li> <li>• Guided reading intro</li> </ul>	UAE Values	<b>VAA: Empathetic</b> <i>Collaborative: 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>	Guided reading
<ul style="list-style-type: none"> <li>• Resultant forces 1.1</li> <li>• Resultant forces 1.2</li> <li>• Resultant forces 1.3</li> </ul>	Walking in the dessert, friction, air resistance		Guided reading
<ul style="list-style-type: none"> <li>• Resultant forces 1.4</li> <li>• Resultant forces 1.5</li> <li>• 5 Questions – Mini test</li> </ul>	Swimming near the palm, upthrust		Guided reading
<ul style="list-style-type: none"> <li>• Forces and motion 2.1</li> <li>• Forces and motion 2.2</li> <li>• Forces and motion 2.3</li> </ul>	Ferrari world roller coasters		Guided reading
<ul style="list-style-type: none"> <li>• Forces and motion 2.4</li> <li>• Forces and motion 2.5</li> <li>• 5 Questions , Forces and Motion 2.6</li> </ul>	Motion gate roller coasters		Guided reading
<ul style="list-style-type: none"> <li>• Forces and motion 2.7</li> <li>• Recap of topics 1, 2</li> <li>• Recap topics 1, 2</li> </ul>	N/A		Guided reading
<ul style="list-style-type: none"> <li>• Assessment Topics 1, 2</li> <li>• Momentum and forces 3.1</li> <li>• Momentum and forces 3.2</li> </ul>	Bumper cars IMG world		Guided reading
<ul style="list-style-type: none"> <li>• Go through test 1, 2</li> <li>• respond to feedback</li> </ul>	N/A		Guided reading
			<b>ACP: Analysing</b> <i>Critical thinking: The ability to deduct, hypothesise, reason, seek supporting evidence</i>

<ul style="list-style-type: none"> <li>• Momentum and forces 3.3</li> <li>• Momentum and forces 3.4</li> <li>• 5 Questions – Mini test</li> </ul>			
<b>Mid Term Break</b>			
<ul style="list-style-type: none"> <li>• Moments 4.1</li> <li>• Moments 4.2</li> <li>• Moments 4.3</li> </ul>	Cranes in UAE	<b>VAA: Agile</b> 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>  <b>ACP: Linking</b> Connection finding: <i>The ability to use connections from past experiences to seek possible generalisations</i>	Guided reading
<ul style="list-style-type: none"> <li>• Moments 4.4</li> <li>• Recap topic 3</li> <li>• Recap topic 4</li> </ul>	Cranes in UAE		Guided reading
<ul style="list-style-type: none"> <li>• Assessment Topics 3, 4</li> <li>• Forces and Energy 5.1</li> <li>• Forces and Energy 5.2</li> </ul>	Power stations in UAE		Guided reading
<ul style="list-style-type: none"> <li>• Go through test 3,4, respond to feedback</li> <li>• Forces and Energy 5.3</li> <li>• Forces and Energy 5.4</li> </ul>	Renewable energy resources in the UAE		Guided reading
<ul style="list-style-type: none"> <li>• Forces and Energy 5.5</li> <li>• Forces and Energy 5.6</li> <li>• 5 Questions – mini test</li> </ul>	Power consumption in the UAE		Guided reading
<ul style="list-style-type: none"> <li>• Forces and Energy 5.7</li> </ul>	Power stations in UAE		Guided reading
<b>Winter Break</b>			