

## Key Stage 4 Curriculum Map 2021 - 2022

### Term 1

| Subject: Physics   | Year: 11                                  |   |                         |
|--|---|---|-------------------------|
| Focus/Topic  | UAE Links                                 | HPL Links   | Home Learning / Reading |
| <ul style="list-style-type: none"> <li>• Introduction - Expectations</li> <li>• Books – Folders – Using Teams</li> <li>• Electricity 14.1</li> </ul>                     | UAE Values                                | <b>VAA: Empathetic</b><br>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> | Guided reading          |
| <ul style="list-style-type: none"> <li>• Electricity 14.2</li> <li>• Electricity 14.3</li> <li>• Electricity 14.4 – 5 Questions</li> </ul>                               | Power stations in the UAE                 |   | Guided reading          |
| <ul style="list-style-type: none"> <li>• Electricity 14.5</li> <li>• Electricity 14.6</li> <li>• Electricity 14.7</li> </ul>   | Power stations in the UAE                 |   | Guided reading          |
| <b>MOCKS</b>   |   |   |                         |
| <b>MOCKS</b>   |   |   |                         |
| <ul style="list-style-type: none"> <li>• Household Electricity 16.1</li> <li>• Household Electricity 16.2</li> <li>• Household Electricity 16.3 – 5 Questions</li> </ul> | Electrical house safety in the UAE        | <b>VAA: Empathetic</b><br>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</i>   | Guided reading          |
| <ul style="list-style-type: none"> <li>• Household Electricity 16.4</li> <li>• Household Electricity 16.5</li> <li>• Household Electricity 16.6</li> </ul>               | Electrical safety in companies in the UAE |   | Guided reading          |
| <ul style="list-style-type: none"> <li>• Household Electricity 16.7</li> <li>• Recap topic 14</li> </ul>   | Electrical safety in schools in the UAE   |   | Guided reading          |

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|--|--|--|----------------|
| <ul style="list-style-type: none"> <li>Recap topic 16 – 5 Questions</li> </ul>   |  | <i>roles and be able to evaluate your own ideas and contributions.</i>   |                |
| <ul style="list-style-type: none"> <li>Assessment Topic 14, 16</li> <li>Motors, Generators and Transformers 15.1</li> <li>Motors, Generators and Transformers 15.2</li> </ul>      | National Grid in the UAE               |  |                |
| <ul style="list-style-type: none"> <li>Recap Assessment Topic 14,16</li> <li>Motors, Generators and Transformers 15.4</li> <li>Motors, Generators and Transformers 15.5</li> </ul> | Maglev trains Dubai-Abu Dhabi in 25min | <b>ACP: Analysing</b><br><i>Critical thinking: The ability to deduct, hypothesise, reason, seek supporting evidence</i>  | Guided reading |
| <b>Mid Term Break</b>  |  |  |                |
| <ul style="list-style-type: none"> <li>Motors, Generators and Transformers 15.6</li> <li>Motors, Generators and Transformers 15.7</li> <li>Space 18.1</li> </ul>                   | Maglev trains Dubai-Abu Dhabi in 25min | <b>VAA: Agile</b><br><i>Open minded: 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> | Guided reading |
| <ul style="list-style-type: none"> <li>Space 18.2</li> <li>Space 18.3</li> <li>Space 18.4 – 5 Questions</li> </ul>   | Expo 2020 space section                |  | Guided reading |
| <ul style="list-style-type: none"> <li>Space 18.5</li> <li>Recap topic 15</li> <li>Recap topic 18</li> </ul>   | Hazzaa al-Mansoori UAE Astronaut       |  | Guided reading |
| <ul style="list-style-type: none"> <li>Assessment topics 15,18</li> <li>Topic 1, 2 Revision</li> </ul>   | N/A                                    | <b>ACP: Linking</b><br><i>Connection finding: The ability to use connections from past experiences to seek possible generalisations</i>  | Guided reading |
| <ul style="list-style-type: none"> <li>Topic 3, 4 Revision</li> </ul>  | N/A                                    |  | Guided reading |
| <ul style="list-style-type: none"> <li>Topic 5,6 Revision</li> <li>Topic 12, 13 Revision</li> <li>Topic 17 Revision</li> </ul>   | N/A                                    |  | Guided reading |
| <b>Winter Break</b>  |  |  |                |