

## Key Stage 4 Curriculum Map 2020 - 2021

### Year 10 GCSE Physics

#### Term 3

Subject: Physics	Year: 10	
Focus/Topic	UAE Links	Home Learning / Reading
<ul style="list-style-type: none"> <li>• Concave Lenses</li> <li>• Convex Lenses</li> </ul>	How do glass buildings in the UAE not reflect light onto drivers?	Guided reading
<ul style="list-style-type: none"> <li>• The human eye 1</li> <li>• The human eye 2</li> </ul>	How is the eye of the falcon different to a human?	Guided reading
<ul style="list-style-type: none"> <li>• Assessment</li> <li>• Feedback</li> </ul>		Guided reading
<ul style="list-style-type: none"> <li>• States of Matter</li> <li>• Changes of State</li> </ul>	What element can be found in 3 different states in the UAE?	Guided reading
<ul style="list-style-type: none"> <li>• Specific Heat Capacity</li> <li>• Specific Latent Heat</li> </ul>	Why is the sea always cooler than the air?	Guided reading
<ul style="list-style-type: none"> <li>• Cooling curve required practical</li> <li>• Writeup</li> </ul>	Steel is used extensively in skyscrapers. What is the cooling curve of the UAE?	Guided reading
<ul style="list-style-type: none"> <li>• Topic 1 Revision</li> <li>• Topic 2 Revision</li> </ul>	What forces is the Burj Khalifa built to withstand?	Guided reading
<ul style="list-style-type: none"> <li>• Topic 3 Revision</li> <li>• Topic 4 Revision</li> </ul>	How are skyscrapers made stable?	Guided reading
<ul style="list-style-type: none"> <li>• Topic 5 Revision</li> <li>• Topic 6 Revision</li> </ul>	What would a Sankey diagram of Dubai look like?	Guided reading
<ul style="list-style-type: none"> <li>• Topic 7 Revision</li> <li>• Topic 8 Revision</li> <li>• Topic 9 Revision</li> </ul>	How far do soundwaves from mosques travel? What does this distance depend on?	Guided reading
<ul style="list-style-type: none"> <li>• Topic 10 Revision</li> <li>• Topic 11 Revision</li> </ul>	How could a road and sand be used to demonstrate refraction?	Guided reading

End of Year Assessments		Revision
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End of term 3		