

## Key Stage 4 Curriculum Map 2021-22

### Term 3

Subject: Mathematics	Year: 10		
Focus/Topic	UAE Links	HPL Links	Home Learning / Reading
<ul style="list-style-type: none"> <li>Histograms - Understand frequency density and draw and interpret histograms with equal class widths. Complete a frequency table from a given histogram.</li> </ul>	Islamic Value of perseverance when completing challenging questions	Meta-thinking and linking	See Guided Revision
<ul style="list-style-type: none"> <li>Histograms - Interpret histograms with unequal class widths and can estimate the median using these. Be able to draw a cumulative frequency graph from a histogram.</li> </ul>	Islamic Value of perseverance when completing challenging questions	Meta-thinking and linking	See Guided Revision
<ul style="list-style-type: none"> <li>Set Theory - Recognise and be comfortable using set theory notation.</li> </ul>	Islamic Value of perseverance when completing challenging questions	Meta-thinking and linking	See Guided Revision
<b>Eid Break</b>			
<ul style="list-style-type: none"> <li>Tree Diagrams - Calculate probabilities of a combination of events using tree diagrams, including selection with or without replacement.</li> </ul>	Islamic Value of perseverance when completing challenging questions	Meta-thinking and linking	See Guided Revision
<ul style="list-style-type: none"> <li>Tree Diagrams - Use the probability of events not happening to calculate the probability of a combination of events using tree diagrams.</li> </ul>	Islamic Value of perseverance when completing challenging questions	Meta-thinking and linking	See Guided Revision
<ul style="list-style-type: none"> <li>Tree Diagrams - Calculate conditional probabilities using the and rule and by creating tree diagrams.</li> </ul>	Islamic Value of perseverance when completing challenging questions	Meta-thinking and linking	See Guided Revision
<ul style="list-style-type: none"> <li>Product Rule for Counting - Develop strategies to be able to count the number of outcomes rather than writing them all down.</li> </ul>	Islamic Value of perseverance when completing challenging questions	Hard Working – Resilience	See Guided Revision
<ul style="list-style-type: none"> <li>Trigonometry – 3D Trigonometry with right- angled triangles. Sine and Cosine rule.</li> </ul>	Islamic Value of perseverance when completing challenging questions	Hard Working – Resilience	See Guided Revision
<ul style="list-style-type: none"> <li>Trigonometry – Area of a non-right angled triangle.</li> </ul>	Islamic Value of perseverance when completing challenging questions	Hard Working – Resilience	See Guided Revision

<ul style="list-style-type: none"> <li>Mock Examinations</li> </ul>	<b>Islamic Value of perseverance when completing challenging questions</b>	Hard Working – Resilience	See Guided Revision
<ul style="list-style-type: none"> <li>Mock Examinations</li> </ul>	<b>Islamic Value of perseverance when completing challenging questions</b>	Hard Working – Resilience	See Guided Revision
<ul style="list-style-type: none"> <li>Trigonometry – Explore exact values and be able to draw and interpret Trigonometric graphs.</li> </ul>	<b>Islamic Value of perseverance when completing challenging questions</b>	Hard Working – Resilience	See Guided Revision

End of school year