

**YEAR 10 – MATHEMATICS March (21-25)th 2021**

<b>Subject</b>	<b>Mathematics</b>
<b>Class/ Section</b>	<b>Year 10 A-F</b>
<b>Week</b>	<b>March 21-25th</b>
<b>Work send to students by</b>	<b>Zoom/Google classroom</b>
<b>Total number of lessons per week</b>	<b>6</b>
<b>Unit 13 More Trigonometry</b>	<b>Unit 13.6 Cosine rule Unit 7.7 Volume of Frustum Unit 14.1 Sampling</b>
<b>Lessons 1 &amp;2 Live Zoom lesson Differentiated work will be assigned</b>	<b>Learning Objective:</b> <ul style="list-style-type: none"> <li>• Use cosine rule to solve 2D problems</li> </ul> <b>Intended Learning Outcome:</b> <b>By the end of the lesson students will be able to</b> <ul style="list-style-type: none"> <li>• To use cosine rule to solve 2D problems</li> </ul>
<b>Task</b>	<b>Sums assigned from the text book and PPT</b>
<b>Resources</b>	<b>Text Book – Edexcel GCSE ( 9- 1 )Mathematics Higher Student Book and PPT</b>
<b>Lessons 3 Live Zoom lesson Differentiated work will be assigned</b>	<b>Learning Objective :</b> <ul style="list-style-type: none"> <li>• To find the volume of a frustum</li> </ul> <b>Intended Learning Outcome:</b> <b>By the end of the lesson students will be able to</b> <ul style="list-style-type: none"> <li>• To find the volume of a frustum</li> </ul>
<b>Task</b>	<b>Sums assigned from the text book</b>
<b>Resources</b>	<b>Text Book – Edexcel GCSE ( 9- 1 )Mathematics Higher Student Book</b>

	and worksheet
<p><b>Lessons 4&amp;5</b> <b>Live Zoom</b> <b>lesson</b> <b>Differentiated</b> <b>work will be</b> <b>assigned</b></p> <p><b>Task</b></p> <p><b>Resources</b></p>	<p><b>Learning Objective:</b></p> <ul style="list-style-type: none"> <li>• Understand how to take a simple random sample</li> <li>• Understand how to take a stratified sample.</li> </ul> <p><b>Intended Learning Outcome:</b> <b>By the end of the lesson students will be able to</b></p> <ul style="list-style-type: none"> <li>• Understand how to take a simple random sample</li> <li>• Understand how to take a stratified sample.</li> </ul> <p><b>Sums assigned from the text book and PPT</b></p> <p><b>Text Book – Edexcel GCSE ( 9- 1 )Mathematics Higher Student Book and PPT</b></p>
<p><b>Lesson 6</b> <b>(Google</b> <b>classroom)</b></p> <p><b>Differentiated</b> <b>work will be</b> <b>assigned in</b> <b>Google</b> <b>Classroom</b></p> <p><b>Task</b></p> <p><b>Resources</b></p>	<p><b>Learning Objective</b></p> <p><b>To solve more problems assigned through Google classroom based on the objectives covered in the lessons 1-5.</b></p> <p><b>To solve questions from the worksheet</b></p> <p><b>Text Book – Edexcel GCSE ( 9- 1 )Mathematics Higher Student Book, worksheet</b></p>