

**YEAR 11 (GCSE) – MATHEMATICS NOVEMBER 2020**

<b>Subject</b>	<b>Mathematics</b>
<b>Class/ Section</b>	<b>Year 11 A-F</b>
<b>Week</b>	<b>15<sup>th</sup> to 19<sup>th</sup> November</b>
<b>Work send to students by</b>	<b>Google classroom / Zoom</b>
<b>Total number of lessons per week</b>	<b>5</b>
<b>Unit 14</b>	<b>Further Statistics</b>
<b>Lessons 1, 2</b> <b>Unit 14.1</b> <b>Live Zoom lesson</b> <b>Work will be assigned in Google Classroom which will be matched to the students ability</b>	<b>Unit 14.1 - Sampling</b> <b>Learning Objective:</b> <ul style="list-style-type: none"> <li>• To understand how to take a simple random sample</li> <li>• To understand how to take a stratified sample</li> <li>• To do problems involving capture recapture method</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 understand how to take a simple random sample</li> <li>• To understand how to take a stratified sample</li> <li>• To do problems involving capture recapture method</li> </ul>
<b>Task</b>	<b>Problems from the worksheet</b> <b>Text Book Page 442 – Qns 9,10 and 11</b>
<b>Resources</b>	<b>Text Book : Edexcel GCSE ( 9- 1 )Mathematics Higher Student Book and worksheet</b>
<b>Lessons 3, 4</b> <b>Live Zoom lesson</b> <b>Work will be assigned in Google Classroom which will be matched to the students ability</b>	<b>Unit 14.2 Cumulative Frequency</b> <b>Learning Objective:</b> <ul style="list-style-type: none"> <li>• To draw and interpret cumulative frequency tables and diagrams</li> <li>• To work out the median, quartiles and inter quartile range from a cumulative frequency diagram</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 draw and interpret cumulative frequency tables and diagrams</li> <li>• To work out the median, quartiles and inter quartile range from a cumulative frequency diagram</li> </ul>

<p><b>Task</b></p>	<p><b>Page 445 – Qn 8</b> <b>Problems from the Worksheet</b></p>
<p><b>Resources</b></p>	<p><b>Text Book : Edexcel GCSE ( 9- 1 )Mathematics Higher Student Book</b> <b>PPT And worksheet</b></p>
<p><b>Lessons 5</b> <b>Live Zoom</b> <b>lesson</b> <b>Work will be</b> <b>assigned in</b> <b>Google</b> <b>Classroom</b> <b>which will be</b> <b>matched to the</b> <b>students ability</b></p>	<p><b>Unit 14.3 Box Plots</b> <b>Learning Objective:</b></p> <ul style="list-style-type: none"> <li>• <b>To draw and interpret box plots</b></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>• <b>To draw and interpret box plots</b></li> </ul>
<p><b>Task</b></p>	<p><b>Text Book – Page 447,448 – 5, 6, 6 and 9</b> <b>Problems from the worksheet</b></p>
<p><b>Resources</b></p>	<p><b>Text Book : Edexcel GCSE ( 9- 1 )Mathematics Higher Student Book</b> <b>PPT And worksheet</b></p>