

YEAR 11 (GCSE) – MATHEMATICS OCTOBER 2020

Subject	Mathematics
Class/ Section	Year 11 A-F
Week	25th to 28th October
Work send to students by	Google classroom / Zoom
Total number of lessons per week	5
Unit 19	Proportion and Graphs
<p>Lessons 1 and 2 Unit 19.7 Live Zoom lesson Work will be assigned in Google Classroom which will be matched to the students ability</p>	<p>Unit 19.7 – Stretching graphs of functions Learning Objective:</p> <ul style="list-style-type: none"> • To understand the effect of stretching a curve parallel to one of the axes has on its function form <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To understand the effect of stretching a curve parallel to one of the axes has on its function form
Task	Questions from Text Book – Page 607-608 : Qns 8 to 13 Pg 617 – Qn 8
Resources	Text Book : Edexcel GCSE (9- 1)Mathematics Higher Student Book and PPT
<p>Lessons 3 and 4 Live Zoom lesson Work will be assigned in Google Classroom which will be matched to the students ability</p>	<p>Unit 13.8 – Transforming Trigonometric graphs 1 Unit 13.9 – Transforming Trigonometric graphs 2 Learning Objective:</p> <ul style="list-style-type: none"> • To understand how changes in a function affect trigonometric graphs <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To understand how changes in a function affect trigonometric graphs

Task	Text Book – Page 425 – Qn 12 Page 618 – Qns 9 to 13 Page 622 – Qns 5 and 7
Resources	Text Book : Edexcel GCSE (9- 1)Mathematics Higher Student Book PPT And worksheet
Lesson 5 Google Classroom	Lesson objective: <ul style="list-style-type: none"> • To do the problems from the worksheet involving transformation of function including Trigonometric curves Intended Learning Outcome: By the end of the lesson students will be able to <ul style="list-style-type: none"> • To do the problems from the worksheet involving transformation of function including Trigonometric curves
Task	Work will be assigned in Google Classroom .
Resources	Worksheet