

YEAR 11 (IGCSE) – MATHEMATICS NOVEMBER 2020

Subject	Mathematics
Class/ Section	Year 11 H and 11G
Week	8th to 12th November
Work send to students by	Google classroom / Zoom
Total number of lessons per week	5
UNIT 6(Book 2) UNIT 9(Book 2)	Algebra 6 Graphs 8
Lessons 1 -Algebra 6	Direct Proportion(Page 21)
Live Zoom lesson Work will be assigned in Google Classroom which will be matched to the students ability	<p>Learning Objective:</p> <ul style="list-style-type: none"> • To write and use equations to solve problems involving direct proportion <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To write and use equations to solve problems involving direct proportion
Task	Text Book(Book 2)Page 25 to 30– Ex 1*, Ex 2, 2* Problems from the worksheet
Resources	Text Book : Edexcel International GCSE (9-1) Mathematics A Student Book 1&2 by D A Turner I A Potts PPT

<p>Lesson 2 -Algebra 6 Live zoom</p> <p>Task</p> <p>Resources</p>	<p>Inverse Proportion(Page 31)</p> <p>Learning Objective:</p> <ul style="list-style-type: none"> • To write and use equations to solve problems involving inverse proportion <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To write and use equations to solve problems involving inverse proportion <p>Text Book(Book 2) – Page 32,33,34 – Ex 3, 3* Problems from the Worksheet</p> <p>Text Book : Edexcel International GCSE (9-1) Mathematics A Student Book 1&2 by D A Turner I A Potts</p> <p>PPT</p>
<p>Lessons 3 & 4 -Graphs 8</p> <p>Live Zoom lesson Work will be assigned in Google Classroom which will be matched to the students ability</p> <p>Task</p> <p>Resources</p>	<p>Gradient of a Curve(Page 293)</p> <p>Learning Objective:</p> <ul style="list-style-type: none"> • To calculate the gradient of a tangent at a point <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To calculate the gradient of a tangent at a point <p>Text Book(Book 2) – Page 295 to 301– Ex 1, 1*, 2, 2*</p> <p>Text Book : Edexcel International GCSE (9-1) Mathematics A Student Book 1&2 by D A Turner I A Potts</p> <p>PPT</p>
<p>Lesson 5 Google Classroom</p>	<p>Worksheet on problems involving Direct and Inverse Proportion</p>