

YEAR 11 (IGCSE) – MATHEMATICS NOVEMBER 2020

Subject	Mathematics
Class/ Section	Year 11 H and 11G
Week	22nd to 26th November
Work send to students by	Google classroom / Zoom
Total number of lessons per week	5
UNIT 10(Book2)	Graphs 9
UNIT 4(Book 1)	Handling data 3
<p>Lessons 1&2 - Graphs 9 (Book 2)</p> <p>Live Zoom lesson</p> <p>Work will be assigned in Google Classroom which will be matched to the students ability</p>	<p>MOTION OF A PARTICLE IN A STRAIGHT LINE (Page 388)</p> <p>Learning Objective:</p> <ul style="list-style-type: none"> • Find expressions for the velocity and acceleration of a particle • Apply calculus to real-life problems <p>Intended Learning Outcome:</p> <p>By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • Find expressions for the velocity and acceleration of a particle • Apply calculus to real-life problems
Task	<p>Text Book(Book 2) – Page 390– Ex 5, 5*</p> <p>Page 392-Ex 6, 6*</p>
Resources	<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 -Handling data 3 (Book 1)</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>MEASURES OF DISPERSION(Page 286)</p> <p>Learning Objective:</p> <ul style="list-style-type: none"> • Find the inter-quartile range of discrete data • Draw and interpret cumulative frequency tables and diagrams • Estimate the median and inter-quartile range from a cumulative frequency diagram <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • Find the inter-quartile range of discrete data • Draw and interpret cumulative frequency tables and diagrams • Estimate the median and inter-quartile range from a cumulative frequency diagram <p>Text Book(Book 1) – Page 289– Ex 1, 1* Page 292– Ex 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>Lessons 5</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>Learning Objective:</p> <ul style="list-style-type: none"> • To revise median and inter-quartile range from a cumulative frequency diagram <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • Solve questions on finding median and inter-quartile range from a cumulative frequency diagram <p>Text Book(Book 1) – Page 294– Ex 3, 3*</p> <p>Text Book : Edexcel International GCSE (9-1) Mathematics A Student Book 1&2 by D A Turner I A Potts</p>