

YEAR 11 (IGCSE) – MATHEMATIC FEBRUARY 2021

Subject	Mathematics
Class/ Section	Year 11 H and 11G
Week	31st January to 4th February
Work send to students by	Google classroom / Zoom
Total number of lessons per week	5
UNIT 8(Book2) UNIT 10(Book2)	Handling Data 5 Handling Data 7
UNIT 6(Book2) UNIT 7(Book2)	SETS 2 SETS 3
<p>Lessons 1&2 - HandlingData5 -Handling Data7 (Book 2)</p> <p>Live Zoom lesson Work will be assigned in Google Classroom which will be matched to the students ability</p>	<p>HANDLING DATA 5 & 7(Page 247 and 421)</p> <p>Learning Objective:</p> <ul style="list-style-type: none"> • To find the probability of mutually exclusive and independent events. • Draw and use probability tree diagrams to calculate probability. • Draw and use tree diagrams to calculate conditional probability. <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To find the probability of mutually exclusive and independent events. • Draw and use probability tree diagrams to calculate probability. • Draw and use tree diagrams to calculate conditional probability.
Task	<p>Problems from the worksheet Text Book(Book 2) – Page 250 to 262– Ex 1, 1*, 2 ,2*, 3, 3* Page 424 to 434 - Ex 1. 1*, 2, 2*</p>
Resources	Text Book : Edexcel International GCSE (9-1) Mathematics A Student Book 1&2 by D A Turner I A Potts

<p>Lessons 3 & 4 -SETS 2 -SETS 3 (Book 2)</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>SETS 2 & 3(Page 86 and Pg 166)</p> <p>Learning Objective:</p> <ul style="list-style-type: none"> • To use Venn diagrams to solve problems involving sets. • To use set builder form. • To use Venn diagrams to calculate conditional probability. <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To use Venn diagrams to solve problems involving sets. • To use set builder form. • To use Venn diagrams to calculate conditional probability. <p>Problems from the Worksheet Text Book(Book 2) – Page 88 to 99– Ex 1, 1*, 2, 2*, 3, 3*, 4, 4*, 5, 5* Page 168 to 177– Ex 1. 1*. 2. 2* 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>
<p>Lessons 5</p> <p>Google classroom</p> <p>Task</p> <p>Resources</p>	<p>Learning Objective:</p> <ul style="list-style-type: none"> • To do problems mutually exclusive and independent events, use set notation and draw tree diagrams/Venn diagrams to calculate conditional probability. <p>Intended Learning Outcomes: By the end of the lesson will be able to</p> <ul style="list-style-type: none"> • To do problems involving mutually exclusive and independent events, use set notation and draw tree diagrams/ Venn diagrams to calculate conditional probability. <p>Worksheet</p> <p>Text Book : Edexcel International GCSE (9-1) Mathematics A Student Book 1&2 by D A Turner I A Potts</p>