

YEAR 11 (GCSE) – MATHEMATICS FEBRUARY 2021

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| Subject | Mathematics |
| Class/ Section | Year 11 A-F |
| Week | 31st Jan to 4th February |
| Work send to students by | Google classroom / Zoom |
| Total number of lessons per week | 5 |
| Unit 10 | Probability |
| <p>Lessons 1, 2 Unit 10.1 to 10. 5 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>Unit 10.1 – 10.5 Learning Objective:</p> <ul style="list-style-type: none"> • To find the probability of mutually exclusive outcomes and events. • Draw and use frequency trees • Draw and use probability tree diagrams • 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 outcomes and events. • Draw and use frequency trees/ probability tree diagrams • Draw and use tree diagrams to calculate conditional probability. <p>Problems from the worksheet</p> <p>Text Book : Edexcel GCSE (9- 1)Mathematics Higher Student Book and worksheet</p> |
| <p>Lessons 3, 4 Live Zoom lesson Work will be assigned in Google Classroom which will be matched to the students ability</p> | <p>Unit 10.6 Learning Objective:</p> <ul style="list-style-type: none"> • To use Venn diagrams to calculate conditional probability • To use set notation <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 calculate conditional probability • To use set notation |

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| Task | Problems from the Worksheet |
| Resources | Text Book : Edexcel GCSE (9- 1)Mathematics Higher Student Book |
| Lessons 5 Google classroom | <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 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 to calculate conditional probability, |
| Task | Worksheet |
| Resources | Text Book : Edexcel GCSE (9- 1)Mathematics Higher Student Book |