

YEAR 11 (IGCSE) – MATHEMATICS FEBRUARY 2021

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| Subject | Mathematics |
| Class/ Section | Year 11 H and 11G |
| Week | February 21st to 25th |
| Work send to students by | Google classroom / Zoom |
| Total number of lessons per week | 5 |
| UNIT 8(Book2) | Shape and Space 8 |
| UNIT 7, 8, 10 (Book 2) | NUMBER 7, 8, 10 |
| <p>Lessons 1 Shape & Space 8 (Unit 8-Book 2)</p> <p>Live Zoom lesson Work will be assigned in Google Classroom which will be matched to the students ability</p> | <p>SHAPE AND SPACE 8 –VECTORS(Page 228)</p> <p>Learning Objective:</p> <ul style="list-style-type: none"> • Solve geometric problems using Vectors <p>Intended Learning Outcomes:</p> <p>By the end of the lesson will be able to</p> <ul style="list-style-type: none"> • Solve geometric problems using vectors |
| Task | Worksheet |
| Resources | Text Book : Edexcel International GCSE (9-1) Mathematics A Student Book 1&2 by D A Turner I A Potts |

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| <p>Lessons 2, 3 & 4</p> <p>Number 7,8,10 (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>NUMBER 7, 8,10(Page 102, 180, 348)</p> <p>Learning Objective:</p> <ul style="list-style-type: none"> • Understand and solve advanced calculator problems • To use conversion between units of length, Area and Volume. • Solve problems involving speed, Density and Pressure. • Understand Rational and Irrational numbers. • Simplify, Expand and Rationalise Surds. <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • Understand and solve advanced calculator problems • To use conversion between units of length, Area and Volume. • Solve problems involving speed, Density and Pressure. • Understand Rational and Irrational numbers. • Simplify, Expand and Rationalise Surds. <p>Text Book(Book 2) – Page 103 to 110, Page 181 to 193, Page 349 to 360</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"> • Solve problems on Surds <p>Intended Learning Outcomes: By the end of the lesson will be able to</p> <ul style="list-style-type: none"> • Solve problems on Surds <p>Exam Practice Questions from Textbook</p> <p>Text Book : Edexcel International GCSE (9-1) Mathematics A Student Book 1&2 by D A Turner I A Potts</p> |