

YEAR 12 – MATHEMATICS (Week 6)

Subject	Mathematics
Class/ Section	Year 12 – Batch A, B and C
Week	26th April to 30th April
Work send to students by	Group email / Google classroom / Zoom
Total number of lessons per week	6
Units	1.3 – Hypothesis testing for zero correlation 2.1 – Set Notation 2.2 – Conditional probability
Lessons 1 & 2	1.3 – Hypothesis testing for zero correlation
Task	Learning objective – To carry out hypothesis testing for zero correlation. Complete the textbook questions in the notebook.
Resources	<ol style="list-style-type: none">1. Power point presentation2. Statistics and Mechanics Year 23. https://www.physicsandmathstutor.com/4. https://www.drfrostmaths.com/5. https://www.examsolutions.net/6. https://www.youtube.com/watch?v=D0EBJAQ7mUI
Lesson 3 & 4	2.1 – Set Notation
Task	Learning objective – To understand set notation in probability using venn diagrams Complete the textbook and worksheet questions in the notebook.

<p>Resource</p>	<ol style="list-style-type: none"> 1. Power point presentation 2. Statistics and Mechanics Year 2 3. https://www.physicsandmathstutor.com/ 4. https://www.drfrostmaths.com/ 5. https://www.examsolutions.net/ 6. https://www.youtube.com/watch?v=-rpZ4qyjBWg 7. https://www.youtube.com/watch?v=FZhYJb48vn0
<p>Lessons 5 & 6</p> <p>Task</p> <p>Resources</p>	<p>2.2 – Conditional probability</p> <p>Learning objective – To understand conditional probability and solve problems</p> <p>Complete the textbook questions in the notebook.</p> <ol style="list-style-type: none"> 1. Power point presentation 2. Statistics and Mechanics Year 2 3. https://www.physicsandmathstutor.com/ 4. https://www.drfrostmaths.com/ 5. https://www.examsolutions.net/ 6. https://www.youtube.com/watch?v=Ndy5r_H9Ct8