

YEAR 9 – MATHEMATICS (Week 4)

Subject	Mathematics
Class/ Section	Year 9 A-F
Week	13th April to 16th April
Work send to students by	Group email / Google classroom
Total number of lessons per week	6
Unit	7.7 – Cones 10.1 – Probability 10.2 – Mutually exclusive events
Lessons 1 & 2	Unit 7.7 – Cones Learning objective - To calculate volume and surface area of cones. To solve problems involving cones.
Task	Complete the textbook allocated questions in the notebook.
Resources	1. Power point presentation 2. Edexcel GCSE Mathematics Higher Textbook (Pages 223 and 224) 3. https://www.activeteachonline.com
Lesson 3 & 4	Unit 10.1 – Probability Learning objective - To list all the possible outcomes of two events in a sample space diagram.
Task	Complete the textbook allocated questions in the notebook.
Resources	1. Power point presentation 2. Edexcel GCSE Mathematics Higher Textbook (Pages 308 and 309) 3. https://www.activeteachonline.com

Lesson 5 & 6	Unit 10.2 – Mutually exclusive events Learning objective - Identify mutually exclusive outcomes and events. Find the probabilities of mutually exclusive outcomes and events. Find the probability of an event not happening.
Task	Complete the textbook allocated questions in the notebook.
Resources	<ol style="list-style-type: none">1. Power point presentation2. Edexcel GCSE Mathematics Higher Textbook (Pages 310 - 312)3. https://www.activeteachonline.com