YEAR 9 – MATHEMATICS (Week 5)

Subject	Mathematics
Class/ Section	Year 9 A-F
Week	19 th April to 23 rd April
Work send to students by	Group email / Google classroom
Total number of lessons per week	6
Unit	10.2 – Mutually exclusive events
	10.3 – Experimental Probability
Lessons 1 & 2	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	Power point presentation
	2. Edexcel GCSE Mathematics Higher Textbook (Pages 310 and 312)
	3. https://www.activeteachonline.com
	4. https://www.youtube.com/watch?v=SQLAWVkFk4E
	5. https://www.youtube.com/watch?v=IsANVGnb-Yg
Lesson 3 & 4	Unit 10.3 Experimental Probability
	Learning Objective – Work out the expected results for experimental and theoretical probabilities.
Task	Complete the textbook allocated questions in the notebook.
Resources	Power point presentation
	2. Edexcel GCSE Mathematics Higher Textbook (Pages 312 and 314)
	3. https://www.activeteachonline.com
	4. https://www.youtube.com/watch?v=MS6InCTgTSw

Lessons 5	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.
	Unit 10.3 Experimental Probability
	Learning Objective – Work out the expected results for experimental and theoretical probabilities.
Task	Complete the task allocated on Active learn
Resources	https://www.activeteachonline.com
Lesson 6	Assessment – Unit 7.7 - Pyramids and Cones (10 marks)
	Learning Objective - Calculate volume and surface area of pyramids and cones.
	Solve problems involving pyramids and cones.