YEAR 9 – MATHEMATICS (Week 8)

Subject	Mathematics
Class/ Section	Year 9 A-F
Week	10th May to 14th May
Work send to students by	Group email / Google classroom
Total number of lessons per week	6
Unit	Unit 9.5 – More simultaneous equations
Lesson 1 Zoom Lesson Task Resources	Unit 9.5 – More simultaneous equations. Learning Objective – To solve linear simultaneous equations where both equations are multiplied Learning Outcome Students will be able to • Solve simultaneous equations where one equation is multiplied • Solve simultaneous equations where both equations are multiplied • Solve simultaneous equations involving problem solving Complete the textbook allocated questions. 1. Power point presentation 2. Edexcel GCSE Mathematics Higher Textbook (Pages 289 - 291) 3. https://www.activeteachonline.com 4. https://www.youtube.com/watch?v=d6vyYvx8URw 5. https://quizizz.com/join/quiz/5de5182c7246dc001c276542/start?from=soloLinkShare
Lesson 2 Google Classroom	Unit 9.5 – More simultaneous equations. Learning Objective – To solve linear simultaneous equations where both equations are multiplied Learning Outcome

	Students will be able to • Solve simultaneous equations where one equation is multiplied • Solve simultaneous equations where both equations are multiplied • Solve simultaneous equations involving problem solving
Task	Complete the textbook allocated questions.
Resources	1. Power point presentation 2. Edexcel GCSE Mathematics Higher Textbook (Pages 289 - 291) 3. https://www.activeteachonline.com 4. https://www.youtube.com/watch?v=d6vyYvx8URw 5. https://quizizz.com/join/quiz/5de5182c7246dc001c276542/start?from=soloLinkShare
Lesson 3 **Zoom Lesson**	Unit 9.5 – More simultaneous equations. Learning Objective – To interpret real life situations involving two unknowns and solve them. Learning Outcome Students will be able to • Interpret real life situations involving two unknowns • Construct real life simultaneous equations and solve them • Solve word problems in simultaneous equations involving problem solving
Task	Complete the textbook allocated questions.
Resources	1. Power point presentation 2. Edexcel GCSE Mathematics Higher Textbook (Pages 289 - 291) 3. https://www.activeteachonline.com 4. https://www.youtube.com/watch?v=ujpyMvxurug 5. https://www.youtube.com/watch?v=EjfLPMJGU70
Lesson 4 **Google Classroom**	Unit 9.5 – More simultaneous equations. Learning Objective – To interpret real life situations involving two unknowns and solve them.

Task **Resource**s	Learning Outcome Students will be able to - Interpret real life situations involving two unknowns - Construct real life simultaneous equations and solve them - Solve word problems in simultaneous equations involving problem solving Complete the textbook allocated questions. 1. Power point presentation 2. Edexcel GCSE Mathematics Higher Textbook (Pages 289 - 291) 3. https://www.activeteachonline.com 4. https://www.youtube.com/watch?v=ujpyMvxurug 5. https://www.youtube.com/watch?v=EjfLPMJGU70
Lesson 5	Complete the task allocated on Active Learn. Learning Objective - To solve linear simultaneous equations where both equations are multiplied To interpret real life situations involving two unknowns and solve them. Learning Outcome Students will be able to apply the concepts learnt in simultaneous equations to complete the task allocated.
Lesson 6	Assessment 3 – Unit 10.3 and Unit 10.4 (15 marks) Learning Objective – To work out the expected results for experimental and theoretical probabilities. - To draw and use frequency trees. - To calculate probabilities of repeated events. - To draw and use probability tree diagrams.