YEAR 10 – MATHEMATICS November (15th-19th) 2020

Subject	Mathematics
Class/ Section	**Year 10 A-F**
Week	**Nov(15-19)**
Work send to students by	**Zoom/Google classroom**
Total number of lessons per week	**6**
Unit 6.4, 12.1-12.3	**Unit 6 Graphs & Unit 12 Similarity and Congruence** • **6.4- Draw and interpret real life linear graphs** • **12.1 Knowing the conditions of congruence** • **12.2 Solve problems involving congruence** • **12.3 To use the ratio of corresponding sides to work out scale factors.**
Lessons 1&2 Live Zoom lesson Differentiated work will be assigned **Task** **Resources**	**Learning Objective:** • **6.4- Draw and interpret real life linear graphs** **Intended Learning Outcome:** **By the end of the lesson students will be able to** • **To draw and interpret real life linear graphs.** **Sums assigned from the text book and worksheet** **Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book and PPT**
Lessons 3 Live Zoom lesson Differentiated work will be assigned	**Learning Objective :** • **12.1 Show that two triangles are congruent** • **Know the conditions of congruence** **Intended Learning Outcome:** **By the end of the lesson students will be able to** **To understand the conditions of congruence.**

Task	**Sums assigned from the text book and worksheet**
Resources	**Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book and PPT**

Lesson 4 Live Zoom lesson Differentiated work will be assigned	**Learning Objective:** • **12.2 Prove shapes are congruent** • **Solving problems involving congruence** **Intended Learning Outcome:** **By the end of the lesson students will be able to** • **Solve problems involving congruence.**
Task	**Sums assigned from the text book and PPT**
Resources	**Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book and PPT**
Lesson 5 Live Zoom lesson Differentiated work will be assigned	**Learning Objective:** • **12.3 Use the ratio of corresponding sides to work out scale factors** **Intended Learning Outcome:** **By the end of the lesson students will be able to** • **Use the ratio of corresponding sides to work out scale factor.**
Task	**Sums assigned from the text book and worksheet**
Resources	**Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book and PPT**

Lesson 6 **(Google classroom)** **Differentiated work will be assigned in Google Classroom**	**Learning Objective** **To solve more problems assigned through Google classroom based on the objectives covered in the lessons 1-5.**
Task	**To solve questions from the worksheet**
Resources	**Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, worksheet**