YEAR 10 – MATHEMATICS November (22-26th) 2020

Subject	Mathematics
Class/ Section	**Year 10 A-F**
Week	**Nov(22-26)**
Work send to students by	**Zoom/Google classroom**
Total number of lessons per week	**6**
Unit 12.4,12.5 16.1&16.2	**Unit 12 Similarity and Congruence** **Unit 16 Circle theorems** • **12.4 Use similar triangles to work out lengths in real life** • **12.5 Use the links between sale factors for length, area and volume** • **16.1 Use facts about chords and their distance from the centre of the circle.** • **16.2 Understand and use facts about tangents at a point and from a point**
Lessons 1 Live Zoom lesson Differentiated work will be assigned	**Learning Objective:** • **12.4 Use similar triangles to work out lengths in real life** **Intended Learning Outcome:** **By the end of the lesson students will be able to** • **Use similar triangles to work out lengths in real life**
Task	**Sums assigned from the text book and worksheet**
Resources	**Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book and PPT**
Lessons 2 Live Zoom lesson Differentiated work will be assigned	**Learning Objective :** **12.5 Use the links between sale factors for length, area and volume** **Intended Learning Outcome:** **By the end of the lesson students will be able to** **Use the links between sale factors for length, area and volume**

Task	**Sums assigned from the text book and worksheet**
Resources	**Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book**
Lesson 3&4 Live Zoom lesson Differentiated work will be assigned	**Learning Objective:** • **16.1 Solve problems involving angles triangles, and circles** • **Solve problems involving chords and radii** **Intended Learning Outcome:** **By the end of the lesson students will be able to** • **Solve problems involving chords and radii**
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 **Task** **Resources**	**Learning Objective:** • **16.2 Understand and use facts about tangents at a point and from a point** **Intended Learning Outcome:** **By the end of the lesson students will be able to** • **Understand and use facts about tangents at a point and from a point** **Sums assigned from the text book and worksheet** **Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book and PPT**

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