YEAR 9 – MATHEMATICS FEBRUARY 2021

Subject	**Mathematics**
Class/ Section	**Year 9 A-F**
Week	**21st February to 25th February**
Work send to students by	**Class Group email / Google classroom / Zoom**
Total number of lessons per week	**6**
Concepts	**Unit 6.5 Line Segments** **Unit 7.1 – Perimeter and area** **Unit 7.2 – Units and accuracy** **Unit 7.3 - Prisms**
Lesson 1 **Zoom Lesson**	**Learning Objective:** • **To find the equations of lines parallel or perpendicular to a given line** **Intended Learning Outcome:** **By the end of the lesson students will be able to** • **To find the equations of lines parallel or perpendicular to a given line**
Task	**Sums from the concept assigned for practice.**
Resources	**Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT**
Lesson 2 **Zoom lesson**	**Learning Objective:** • **To find the area and perimeter of compound shapes** • **To recall and use the formula for area of a trapezium.** **Intended Learning Outcome:** **By the end of the lesson students will be able to** • **To find the area and perimeter of compound shapes** • **To recall and use the formula for area of a trapezium.**
Task	**Sums from the concept assigned for practice.**
Resources	**Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT**

Lesson 3 **Zoom Lesson**	**Learning Objective:** • **To convert between metric units of area** • **To calculate the maximum and minimum possible values of a measurement.** **Intended Learning Outcome:** **By the end of the lesson students will be able to** • **To convert between metric units of area** • **To calculate the maximum and minimum possible values of a measurement.**
Task	**Sums from the concept assigned for practice.**
Resources	**Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT**
Lesson 4 **Zoom lesson**	**Learning Objective:** • **To convert between metric units of area** • **To calculate the maximum and minimum possible values of a measurement.** **Intended Learning Outcome:** **By the end of the lesson students will be able to** • **To convert between metric units of area** • **To calculate the maximum and minimum possible values of a measurement.**
Task	**Sums from the concept assigned for practice.**
Resources	**Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT**
Lesson 5 **Zoom Lesson**	**Learning Objective:** • **To convert between metric units of volume** • **To calculate volumes and surface area of prisms**

Task	**Intended Learning Outcome:** **By the end of the lesson students will be able to** • **To convert between metric units of volume** • **To calculate volumes and surface area of prisms** **Sums from the concept assigned for practice.**
Resources	**Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT**
Lesson 6 **Google Classroom** **Task** **Resources**	**Learning Objective:** • **To calculate volumes and surface area of prisms** **Intended Learning Outcome** **By the end of the lesson students will be able to** • **To calculate volumes and surface area of prisms** **Assignment worksheet from the concept assigned.** **Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT**