YEAR 9 – MATHEMATICS OCTOBER 2020

Subject	Mathematics
Class/ Section	Year 9 A-F
Week	11th October to 15th October
Work send to students by	Class Group email / Google classroom / Zoom
Total number of lessons per week	6
Concepts	Unit 1.6 – Powers of 10 and Standard form Unit 1.7 - Surds
Lesson 1 **Zoom Lesson**	**Learning Objective:** • **To calculate with numbers in Standard form.** **Intended Learning Outcome:** **By the end of the lesson students will be able to** • **To calculate with numbers in Standard form.**
Task	**Sums from the concept assigned for practice.**
Resources	**Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT**
Lesson 2 **Google Classroom**	**Learning Objective:** To write a number in Standard form To calculate with numbers in Standard form **Intended Learning Outcome:** **By the end of the lesson students will be able to** • **Write a number in Standard form.** • **To calculate with numbers in Standard form**
Task	**Sums from the concept assigned for practice through Active Learn.**
Resources	**Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book PPT**

Lesson 3 **Zoom Lesson**	**Assessment 1** **Unit 1.2 - Place value and estimating** **Unit 1.3 - HCF and LCM** **Unit 1.4 - Calculating with power (indices)**
Lesson 4 **Zoom Lesson** **Task** **Resources**	**Learning Objective:** • **To understand the difference between rational and irrational numbers** • **To simplify a surd** **Intended Learning Outcome:** **By the end of the lesson students will be able to** • **To understand the difference between rational and irrational numbers** • **To simplify a surd** **Sums from the concept assigned for practice.** **Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT**
Lesson 5 **Zoom Lesson** **Task** **Resources**	**Learning Objective:** • **To simplify a surd** **Intended Learning Outcome:** **By the end of the lesson students will be able to** • **To simplify a surd** **Sums from the concept assigned for practice.** **Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT**

Lesson 6 **Google** **Classroom**	**Learning Objective:** • **To understand the difference between rational and irrational numbers** • **To simplify a surd** **Intended Learning Outcome:** **By the end of the lesson students will be able to** • **To understand the difference between rational and irrational numbers** • **To simplify a surd**
Task	**Sums from the concept assigned for practice through Active Learn.**
Resources	**Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT**