YEAR 9 – MATHEMATICS SEPTEMBER 2020

Subject	**Mathematics**
Class/ Section	**Year 9 A-F**
Week	**13th September to 17th September**
Work send to students by	**Class Group email / Google classroom / Zoom**
Total number of lessons per week	**6**
Concepts	**Unit 1.2 – Place value and estimating** **Unit 1.3 – HCF and LCM** **Unit 1.4 – Calculating with powers**
Lesson 1 **Zoom lesson**	**Learning Objective :** • **To use place value to answer questions.** **Intended Learning Outcome:** **By the end of the lesson students will be able to** • **Use place value to answer questions.**
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 estimate an answer.** **Intended Learning Outcome:** **By the end of the lesson students will be able to** • **Work out sums on estimation.**
Task	**Sums from the concept assigned for practice.**
Resources	**Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book** **PPT**
Lessons 3 **Zoom lesson**	**Learning Objective:** • **To write a number as the product of its prime factors.**

	• **Find the HCF and LCM of two numbers**
	Intended Learning Outcome: **By the end of the lesson students will be able to** • **Work out sums on HCF and LCM.**
Task	**Sums from the concept assigned for practice.**
Resources	**Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book** **PPT**
Lesson 4 **Google Classroom**	**Learning Objective:** • **To write a number as the product of its prime factors.** • **Find the HCF and LCM of two numbers** **Intended Learning Outcome:** **By the end of the lesson students will be able to** • **Work out sums on estimation using significant figures.**
Task	**Assignment through Google Classroom**
Resources	**Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book**
Lesson 5 **Zoom lesson**	**Learning Objective:** • **To multiply and divide using index laws.** **Intended Learning Outcome:** **By the end of the lesson students will be able to** • **To apply the index laws.**
Task	**Sums from the concept assigned**
Resources	**Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book**

Lesson 6 **Asynchronous** **Lesson/GC**	**Learning Objective:** • **To use powers and roots in calculations.** **Intended Learning Outcome:** **By the end of the lesson students will be able to** • **To use powers and roots in calculations.**
Task	**Sums from the concept assigned for practice.**
Resources	**Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book**