YEAR 7 – MATHS WEEK - 8 (10th May to 14th May)

Subject	**Maths**
Class/ Division	**Year 7 A-F**
Week	**8 (10th May to 14th May)**
Work send to students via	**Zoom/Google classroom**
Total number of lessons per week	5
Unit	Delta 2 Textbook - Unit 1
Lesson 1 **Task** **Resource**	Chapter 1.1 Prime factor decomposition(Revision) **Asynchronous Lesson** **Learning objective -** ▪ Write the prime factor decomposition of a number. ▪ Use prime factor decomposition to find the HCF or LCM of two numbers. **Learning outcomes** - ▪ Students encourages to consider the words 'prime factor decomposition. ▪ Concludes the lessons by ensuring that the students can write every number as a product of primes. ▪ Students will be able to recognise that HCF and LCM can be used in modelling of real-life situations through word problems. Work sheet for Word Problems. Active Learn Allocation Students will be asked to refer the PPT and Video links KS3 Maths Progress Delta 2
Lesson 2	Chapter 1.2 Laws of indices **Zoom Live Lesson** **Learning objective -** ▪ Work out the laws of indices for positive powers. ▪ Use the laws of indices for multiplying and dividing. **Learning outcomes** - ▪ Students noticing the patterns helps in understanding how mathematical rules are devised. ▪ Students will be able to understand that, multiplying numbers written as

	a powers of the same base, to add the indices. ▪ Students should have realised that, when dividing numbers written as powers of the same number, you subtract the indices.
Task	Delta 2 Textbook Page 4- Q2,Q5,Q6,Q7
Resource	Students will be asked to refer the PPT and Video links KS3 Maths Progress Delta 2
Lesson 3	Chapter 1.2 Laws of indices(continued) **Google Classroom** **Learning objective -** ▪ Work out the law of indices for power of a power ▪ Show that any number to the power of zero is 1. **Learning Outcomes** - ▪ Students will be able to understand that, when working out the power of a power, you multiply the indices. ▪ Students will be able to recognize 2^0 and 4^0 are the same size as any number to the power of zero is 1.
Task	Delta 2 Textbook Page 5 - Q12,Q13,Q14,Q16 Active Learn Allocation
Resource	Students will be asked to refer the PPT and Video links KS3 Maths Progress Delta 2 Active Learn
Lesson 4	Chapter 1.2 Powers of 10 **Zoom Live Lesson** **Learning objective -** ▪ Use and understand powers of 10. ▪ Understand the effect of multiplying and dividing by any integer power of 10. **Learning Outcomes** - ▪ Students will be able to understand multiplying and dividing powers of 10 using the laws of indices ▪ Students will be able to understand the effect of multiplying and dividing any integer power of 10
Task	Delta 2 Textbook Page 6- Q1,Q2.Q3 Questions from PPT
Resource	Students will be asked to refer the PPT and Video links KS3 Maths Progress Delta 2

Lesson 5 **ASSESSMENT**	**Assessment** (Teacher decides date for the classes) **Google Classroom** Delta 2 Textbook - Unit 8.5 Probability Diagrams and Unit 1.1 Prime Factor Decomposition

<u>Note</u>: **Students to answer all the text book questions in the note book and complete the worksheets**