

YEAR 8 – MATHEMATICS SEPTEMBER 2020

Subject	Mathematics
Class/ Section	Year 8 A-F
Week	13 th September to 17 th September
Work send to students by	Class Group email / Google classroom / Zoom
Total number of lessons per week	5
Unit 1	1.1 Prime factor decomposition KS3 Math progress delta 2
Lessons 1 Zoom lesson Work will be assigned which will be matched to the students ability	Learning Objective : <ul style="list-style-type: none"> • To write the prime factor decomposition of a number. Intended Learning Outcomes By the end of the lesson students will be able to <ul style="list-style-type: none"> • Find prime factors of a number. • To write a number as product of its prime factors. • To write a number as a product of powers of its prime factors.
Task	Complete questions given in power point.
Resources	Text Book : KS3 Math progress delta 2,PPT
Lesson 2 Zoom lesson Work will be assigned which will be matched to the students ability	Learning Objective: <ul style="list-style-type: none"> • To use prime factor decomposition to find the HCF or LCM of two numbers. Intended Learning Outcome: By the end of the lesson students will be able to <ul style="list-style-type: none"> • To use prime factor decomposition to find the HCF or LCM of two numbers. • To find HCF and LCM using Venn diagram. • To find HCF and LCM of three or more numbers.
Task	Complete questions given in PPT.
Resource	Text Book – KS3 Math progress delta 2. PPT

<p>Lesson 3 Asynchronous</p> <p>Task</p> <p>Resource</p>	<p>Learning Objective:</p> <ul style="list-style-type: none"> To use prime factor decomposition to find the HCF or LCM of two numbers. <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> To use prime factor decomposition to find the HCF or LCM of two numbers. To find HCF and LCM using Venn diagram. To find HCF and LCM of three or more numbers using Venn diagram. <p>Complete questions given in Worksheet.</p> <p>Text Book – KS3 Math progress delta 2 PPT</p>
<p>Lessons 4</p> <p>Zoom lesson Work will be assigned which will be matched to the students ability</p> <p>Task</p> <p>Resources</p>	<p>Learning Objective:</p> <ul style="list-style-type: none"> To solve word problems involving HCF and LCM. <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> To find HCF and LCM of two numbers. To solve word problems involving HCF and LCM. To do more higher order questions involving HCF and LCM. <p>Complete questions given in PPT.</p> <p>Text Book – KS3 Math progress delta 2,PPT</p>
<p>Lessons 5</p> <p>Google Classroom Work will be assigned which will be matched to the students ability</p> <p>Task</p> <p>Resources</p>	<p>Learning Objective:</p> <ul style="list-style-type: none"> To solve word problems involving HCF and LCM. <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> To find HCF and LCM of two numbers. To solve word problems involving HCF and LCM. To do more higher order questions involving HCF and LCM. <p>Complete questions given in Worksheet.</p> <p>Text Book – KS3 Math progress delta 2 ,PPT</p>

