

YEAR 9 – MATHEMATICS SEPTEMBER 2020

Subject	Mathematics
Class/ Section	Year 9 A-F
Week	20 th September to 24 th September
Work send to students by	Class Group email / Google classroom / Zoom
Total number of lessons per week	6
Concepts	Unit 1.4 – Calculating with powers (Indices) Unit 1.5 – Zero , negative and fractional indices
Lesson 1 Zoom lesson	<p>Learning Objective :</p> <ul style="list-style-type: none"> • To use powers and roots in calculations. <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • Work out calculations involving powers and roots.
Task	Sums from the concept assigned for practice.
Resources	Text Book : Edexcel GCSE (9- 1)Mathematics Higher Student Book PPT.
Lesson 2 Asynchronous Lesson	<p>Learning Objective:</p> <ul style="list-style-type: none"> • To use powers and roots in calculations. <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • 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, PPT

<p>Lesson 3 Zoom lesson</p> <p>Task</p> <p>Resources</p>	<p>Learning Objective :</p> <ul style="list-style-type: none"> • To multiply and divide using index laws. <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • Apply the index laws to multiply and divide. <p>Sums from the concept assigned for practice.</p> <p>Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book PPT</p>
<p>Lesson 4 Google classroom</p> <p>Task</p> <p>Resources</p>	<p>Learning Objective:</p> <ul style="list-style-type: none"> • To multiply and divide using index laws. <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • Apply the index laws to multiply and divide. <p>Assignment through Google Classroom</p> <p>Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book PPT</p>
<p>Lesson 5 Zoom Lesson</p> <p>Task</p> <p>Resources</p>	<p>Learning Objective:</p> <ul style="list-style-type: none"> • To use negative indices <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • Use negative indices. <p>Sums from the concept assigned for practice.</p> <p>Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT</p>

<p>Lesson 6 Google Classroom</p>	<p>Learning Objective:</p> <ul style="list-style-type: none"> • To use negative indices. <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To use negative indices.
<p>Task</p>	<p>Sums from the concept assigned for practice.</p>
<p>Resources</p>	<p>Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT</p>