

YEAR 9 – MATHEMATICS OCTOBER 2020

Subject	Mathematics
Class/ Section	Year 9 A-F
Week	25 th October to 29 th October
Work send to students by	Class Group email / Google classroom / Zoom
Total number of lessons per week	6
Concepts	Unit 2.1 – Algebraic indices Unit 2.2 – Expanding and factorising
Lesson 1 Zoom Lesson	<p>Learning Objective:</p> <ul style="list-style-type: none"> • To use the rules of indices to simplify algebraic expressions. <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To use the rules of indices to simplify algebraic expressions.
Task	Sums from the concept assigned for practice.
Resources	Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT
Lesson 2 Google Classroom	<p>Learning Objective:</p> <ul style="list-style-type: none"> • To use the rules of indices to simplify algebraic expressions. <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To use the rules of indices to simplify algebraic expressions.
Task	Sums from the concept assigned for practice from the textbook.
Resources	Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT

<p>Lesson 3 Zoom Lesson</p>	<p>Assessment 2</p> <p>Portion for Assessment 2 –</p> <p>Unit 1.5 - Zero, negative and fractional indices</p> <p>Unit 1.6 - Powers of 10 and standard form</p> <p>Unit 1.7 - Surds</p>
<p>Lesson 4 Zoom Lesson</p> <p>Task</p> <p>Resources</p>	<p>Learning Objective:</p> <ul style="list-style-type: none"> • To expand brackets <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To expand brackets. <p>Sums from the concept assigned for practice.</p> <p>Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT</p>
<p>Lesson 5 Google Classroom</p> <p>Task</p> <p>Resources</p>	<p>Learning Objective:</p> <ul style="list-style-type: none"> • To use the rules of indices to simplify algebraic expressions. • To expand brackets <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To use the rules of indices to simplify algebraic expressions. • To expand brackets <p>Sums from the concept assigned for practice from Active Learn.</p> <p>Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT</p>

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