

YEAR 9 – MATHEMATICS OCTOBER 2020

Subject	Mathematics
Class/ Section	Year 9 A-F
Week	18th October to 22nd October
Work send to students by	Class Group email / Google classroom / Zoom
Total number of lessons per week	6
Concepts	Unit 1.7 – Surds Unit 2.1 – Algebraic indices
Lesson 1 Zoom Lesson	<p>Learning Objective:</p> <ul style="list-style-type: none"> • To simplify a surd <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To simplify a surd
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 understand the difference between rational and irrational numbers • To simplify a surd <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To understand the difference between rational and irrational numbers • To simplify a surd
Task	Sums from the concept assigned for practice through Active Learn.
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 rationalise a denominator <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To rationalise a denominator <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 Zoom Lesson</p> <p>Task</p> <p>Resources</p>	<p>Learning Objective:</p> <ul style="list-style-type: none"> • To rationalise a denominator <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To rationalise a denominator <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 Zoom Lesson</p>	<p>Learning Objective:</p> <ul style="list-style-type: none"> • To use the rules of indices to simplify algebraic expressions.

<p>Task</p> <p>Resources</p>	<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. <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>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. <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. <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>