

YEAR 9 – MATHEMATICS APRIL 2021

Subject	Mathematics
Class/ Section	Year 9 A-F
Week	18th April to 22nd April
Work send to students by	Class Group email / Google classroom / Zoom
Total number of lessons per week	6
Concepts	Unit 8.2 – Reflection and Rotation Unit 8.3 – Enlargement Unit 8.4 - Translations
Lesson 1 Zoom Lesson	Learning Objective: <ul style="list-style-type: none">• To reflect a 2D shape in a mirror line• To describe reflections Intended Learning Outcome By the end of the lesson students will be able to <ul style="list-style-type: none">• To reflect a 2D shape in a mirror line• To describe reflections
Task	Sums from the concept assigned for practice.
Resources	Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT
Lesson 2 Zoom lesson	Learning Objective: <ul style="list-style-type: none">• To rotate a 2D shape about a centre of rotation. Intended Learning Outcome: By the end of the lesson students will be able to

<p>Task</p> <p>Resources</p>	<ul style="list-style-type: none"> • To rotate a 2D shape about a centre of rotation. <p>Sums from the concept assigned for practice.</p> <p>Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT</p>
<p>Lesson 3 Zoom Lesson</p> <p>Task</p> <p>Resources</p>	<p>Learning Objective:</p> <ul style="list-style-type: none"> • To enlarge shapes by fractional and negative scale factors about a centre of enlargement. <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To enlarge shapes by fractional and negative scale factors about a centre of enlargement. <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 enlarge shapes by fractional and negative scale factors about a centre of enlargement. <p>Intended Learning Outcome By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To enlarge shapes by fractional and negative scale factors about a centre of enlargement. <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>Task</p> <p>Resources</p>	<p>Learning Objective:</p> <ul style="list-style-type: none"> • To translate a shape using a vector. • To describe translations <p>Intended Learning Outcome By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To translate a shape using a vector. • To describe translations. <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 carry out transformations. <p>Intended Learning Outcome By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To carry out transformations. <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>