

YEAR 9 – MATHEMATICS MARCH 2021

Subject	Mathematics
Class/ Section	Year 9 A-F
Week	28 th February to 4 th March
Work send to students by	Class Group email / Google classroom / Zoom
Total number of lessons per week	6
Concepts	Unit 7.3 – Prisms Unit 7.4 – Circles Unit 7.5 – Sectors of circles Unit 7.6 – Cylinders and Spheres
Lesson 1 Zoom Lesson	<p>Learning Objective:</p> <ul style="list-style-type: none"> • To calculate volumes and surface area of prisms <p>Intended Learning Outcome By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To calculate volumes and surface area of prisms
Task	Sums from the concept assigned for practice.
Resources	Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT
Lesson 2 Zoom lesson	<p>Learning Objective:</p> <ul style="list-style-type: none"> • To calculate the area and circumference of a circle • To calculate the area and circumference in terms of π <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To calculate the area and circumference of a circle • To calculate the area and circumference in terms of π
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 calculate the perimeter and area of semi circles and quarter circles. • To calculate arc lengths, angles and areas of sectors of circles. <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To calculate the perimeter and area of semi circles and quarter circles. • To calculate arc lengths, angles and areas of sectors of circles. <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 calculate the perimeter and area of semi circles and quarter circles. • To calculate arc lengths, angles and areas of sectors of circles. <p>Intended Learning Outcome: By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To calculate the perimeter and area of semi circles and quarter circles. • To calculate arc lengths, angles and areas of sectors of circles. <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 calculate volume and surface area of cylinders <p>Intended Learning Outcome: By the end of the lesson students will be able to</p>

<p>Task</p>	<ul style="list-style-type: none"> • To calculate volume and surface area of cylinders <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>
<p>Lesson 6</p> <p>Zoom Lesson</p>	<p>Mid – Term Assessment 1</p>