

YEAR 9 – MATHEMATICS MARCH 2021

Subject	Mathematics
Class/ Section	Year 9 A-F
Week	7 th March to 11 th March
Work send to students by	Class Group email / Google classroom / Zoom
Total number of lessons per week	6
Concepts	Unit 7.6 – Cylinders and Spheres Unit 7.7 – Pyramids and cones Unit 8.1 – 3D solids
Lesson 1 Zoom Lesson	<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> <ul style="list-style-type: none"> • To calculate volume and surface area of cylinders
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 volumes and surface area of a sphere. • To solve problems involving spheres. <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 a sphere. To solve problems involving spheres.
Task	Sums from the concept assigned for practice.

Resources	Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT
Lesson 3 Zoom Lesson	<p>Learning Objective:</p> <ul style="list-style-type: none"> • To calculate volumes and surface area of pyramids and cones. • To solve problems involving pyramids and cones. <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 pyramids and cones. • To solve problems involving pyramids and cones.
Task	Sums from the concept assigned for practice.
Resources	Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT
Lesson 4 Zoom lesson	<p>Learning Objective:</p> <ul style="list-style-type: none"> • To calculate volumes and surface area of pyramids and cones. • To solve problems involving pyramids and cones. <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 pyramids and cones. • To solve problems involving pyramids and cones.
Task	Sums from the concept assigned for practice.
Resources	Text Book – Edexcel GCSE (9- 1)Mathematics Higher Student Book, PPT
Lesson 5 Zoom Lesson	<p>Learning Objective:</p> <ul style="list-style-type: none"> • To draw plans and elevations of 3D solids <p>Intended Learning Outcome:</p>

<p>Task</p> <p>Resources</p>	<p>By the end of the lesson students will be able to</p> <ul style="list-style-type: none"> • To draw plans and elevations of 3D solids <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</p> <p>Zoom Lesson</p>	<p>Mid – Term Assessment 2</p>