

**YEAR 10 MATHEMATICS DISTANCE LEARNING WORK ALLOCATION.**

SUBJECT	MATHEMATICS
CLASS/DIVISION	10 A-H
WEEK	9 ( MAY 17th- 21st)
WORK SEND TO STUDENTS VIA	GOOGLE CLASSROOM , ZOOM CLASS & ACTIVE LEARN
TOTAL NUMBER OF LESSONS PER WEEK	6
UNIT	11 MULTIPLICATIVE REASONING
LESSON 1	<p>UNIT 11.2 COMPOUND MEASURES (ZOOM LESSON)</p> <p><b>Learning Objectives</b></p> <ul style="list-style-type: none"> <li>• Convert between metric speed measures</li> </ul> <p><b>Learning Outcomes.</b></p> <p>To convert the units of speed measures.[ km/h to m/s and vice-versa]</p> <p>To calculate simple word problems on conversion of metric speed measures.</p> <p>To apply the concept in finding average speed and also to rearrange the formula to calculate the missing measurements.</p>
RESOURCES	<p>PowerPoint, Video links , Edexcel GCSE(9-1)Mathematics Higher Student Book</p> <ul style="list-style-type: none"> <li>• <a href="https://www.activeteachonline.com/product/view/id/405/page/344/mode/dps?modal=/player/video/id/468810">https://www.activeteachonline.com/product/view/id/405/page/344/mode/dps?modal=/player/video/id/468810</a></li> <li>• <a href="https://www.youtube.com/watch?v=o8DSb6D-0fw">https://www.youtube.com/watch?v=o8DSb6D-0fw</a></li> <li>• <a href="https://www.youtube.com/watch?v=M9h1OY6lo_E">https://www.youtube.com/watch?v=M9h1OY6lo_E</a></li> <li>• <a href="https://www.youtube.com/watch?v=8HjppgJBMMNo">https://www.youtube.com/watch?v=8HjppgJBMMNo</a></li> </ul>
TASK	Workout the questions assigned in PowerPoint presentation.

LESSON 2	<p>11.1 GROWTH AND DECAY [ GOOGLE CLASSROOM]</p> <p><b>Learning Objectives</b></p> <ul style="list-style-type: none"> <li>• Convert between metric speed measures</li> </ul> <p><b>Learning Outcomes.</b></p> <p>To convert the units of speed measures.[ km/h to m/s and vice-versa]</p> <p>To calculate simple word problems on conversion of metric speed measures.</p> <p>To apply the concept in finding average speed and also to rearrange the formula to calculate the missing measurements.</p>
RESOURCES	<p>PowerPoint, Video links , Edexcel GCSE(9-1)Mathematics Higher Student Book</p>
TASK	<p>By referring the PPT and video links solve the questions assigned through Google classroom in the notebook.</p> <p>Unit 11.2 Q 13,14&amp;15</p>
LESSON 3	<p>UNIT 11.2 COMPOUND MEASURES [ ZOOM LESSON]</p> <p><b>Learning Objectives</b></p> <p>Use Kinematics formula to calculate speed and acceleration</p> <p><b>Learning Outcomes.</b></p> <p>To identify different kinematics equations and to understand what each variable stands for.</p> <p>To decide and apply kinematics equations to find speed and acceleration.</p> <p>To rearrange these equations to apply in different real life problems..</p>

<p>RESOURCES</p> <p>TASK</p>	<p>Powerpoint, Video link , Active learn, Edexcel GCSE(9-1)Mathematics Higher Student Book</p> <p><a href="https://www.youtube.com/watch?v=n0xyQ9H1YI">https://www.youtube.com/watch?v=n0xyQ9H1YI</a>  <a href="https://www.youtube.com/watch?v=j3PhvLzmuQI">https://www.youtube.com/watch?v=j3PhvLzmuQI</a>.</p> <p>Workout the questions assigned in PPT from textbook. Unit 11.2 Q 16,17,18</p>
<p>LESSON 4</p> <p>RESOURCES</p> <p>TASK</p>	<p>UNIT 11.2 COMPOUND MEASURES [ASYNCHRONOUS]  <b>Learning Objectives</b>  Convert between metric speed measures  Use Kinematics formula to calculate speed and acceleration</p> <p><b>Learning Outcomes.</b>  To convert the units of speed measures  To apply the concept in finding average speed and also to rearrange the formula to calculate the missing measurements.  To decide and apply kinematics equations to find speed and acceleration.</p> <p>Powerpoint, Video link , Active learn,</p> <p>Complete the assigned active learn task frm Unit 11.2</p>
<p>LESSON 5</p>	<p>11.3 MORE COMPOUND MEASURES [GOOGLE CLASSROOM]</p> <p><b>Learning Objectives</b></p> <ul style="list-style-type: none"> <li>• Solving problems on mass, volume and density</li> </ul> <p><b>Learning Outcomes.</b>  To identify the relation between density, mass and volume and its</p>

<p>RESOURCES</p> <p>TASK</p>	<p>units  To rearrange the formula to calculate the missing measurement.  To apply this formula in different real life situations.</p> <p>Powerpoint, Video link , Active learn , Edexcel GCSE(9-1)Mathematics Higher Student Book  <a href="https://www.activeteachonline.com/product/view/id/405/page/346/mode/dps?modal=/player/video/id/468811">https://www.activeteachonline.com/product/view/id/405/page/346/mode/dps?modal=/player/video/id/468811</a>  <a href="https://www.youtube.com/watch?v=WLmqb-yP-f0">https://www.youtube.com/watch?v=WLmqb-yP-f0</a>  <a href="https://www.youtube.com/watch?v=sv7zflLeduM">https://www.youtube.com/watch?v=sv7zflLeduM</a></p> <p>Workout the questions assigned in PowerPoint presentation.</p>
<p>LESSON 6</p> <p>RESOURCES</p> <p>TASK</p>	<p style="text-align: center;">11.3 MORE COMPOUND MEASURES [GOOGLE CLASSROOM]</p> <p><b>Learning Objectives</b></p> <ul style="list-style-type: none"> <li>• Solving problems on mass, volume and density</li> </ul> <p><b>Learning Outcomes.</b></p> <p>To identify the relation between density, mass and volume and its units  To rearrange the formula to calculate the missing measurement.  To apply this formula in different real life situations.</p> <p>Powerpoint, Video link , Active learn , Edexcel GCSE(9-1)Mathematics Higher Student Book</p> <p>By referring the PPT and video links solve the questions assigned through Google classroom in the notebook.</p> <p>Unit 11.3 Q 3,7,10,11</p>