

## YEAR 8 – MATHEMATICS

<b>Subject</b>	<b>Mathematics</b>
<b>Class/ Division</b>	<b>Year 8 A-F</b>
<b>Week</b>	<b>8 (10<sup>th</sup> May to 14<sup>th</sup> May)</b>
<b>Work send to students via</b>	<b>Zoom or Google classroom</b>
<b>Total No. of lessons per week</b>	<b>5</b>
<b>Unit</b>	<b>Unit 9.5 (Textbook KS3 Maths Progress delta 2) Unit 3.3 (Textbook KS3 Maths Progress delta 3)</b>
<b>Lesson 1 Google Classroom</b>	Chapter: 9.5 Solving geometry problems(continued)  <b>Learning Objective</b> <ul style="list-style-type: none"> <li>• Use similarity to solve problems in 2D shapes</li> </ul> <b>Learning outcomes</b> By end of the lesson students will be able to <ul style="list-style-type: none"> <li>• Prove two triangles are similar.</li> <li>• Find missing side of similar triangle.</li> <li>• Do real life applications of similarity.</li> </ul>
<b>Task</b>	Complete active learn task and textbook allocated questions.
<b>Resources</b>	<ol style="list-style-type: none"> <li>1. Power point presentation</li> <li>2. Textbook KS3 Maths Progress delta 2 -Unit 9.5(page 210-212)</li> <li>3. <a href="https://www.youtube.com/watch?v=L6DL0BMknoY">https://www.youtube.com/watch?v=L6DL0BMknoY</a></li> <li>4. <a href="https://www.youtube.com/watch?v=RYYJridzc_U">https://www.youtube.com/watch?v=RYYJridzc_U</a></li> </ol>
<b>Lesson 2 Zoom Lesson</b>	Chapter 3.3 solving equations  <b>Learning objective:</b> Solve equations of the form $a(bx \pm c) = d(ex \pm f)$ where negative signs are anywhere in the equation ( $a$ or $d$ are greater than 1)  <b>Learning outcomes:</b> By end of the lesson students will be able to <ul style="list-style-type: none"> <li>• Solve equations with variable on both the sides.</li> <li>• Solve equations of <math>a(bx \pm c) = d(ex \pm f)</math> where negative signs are anywhere in the equation (<math>a</math> or <math>d</math> are greater than 1)</li> <li>• Solve equations with variables on both sides involving problem solving.</li> </ul>
<b>Task</b>	By referring to the PPTs and links given students will be asked to complete allocated questions.

<b>Resources</b>	<ol style="list-style-type: none"> <li>1. Power point presentation</li> <li>2. Textbook KS3 Maths Progress delta 3 -Unit 3.3(page 53-55)</li> <li>3. <a href="https://www.youtube.com/watch?v=DhikunZD0Ms">https://www.youtube.com/watch?v=DhikunZD0Ms</a></li> <li>4. <a href="https://www.youtube.com/watch?v=85ZM3ZKqRhY">https://www.youtube.com/watch?v=85ZM3ZKqRhY</a></li> </ol>
<b>Lesson 3</b>  <b>Zoom Lesson</b>         <b>Task</b>  <b>Resource</b>	<p>Chapter 3.3 Solving equations</p> <p><b>Learning objective:</b></p> <ul style="list-style-type: none"> <li>• Solve equations involving fractions.</li> </ul> <p><b>Learning outcomes:</b> By end of the lesson students will be able to</p> <ul style="list-style-type: none"> <li>• Solve equations involving fraction on one side of equation.</li> <li>• Solve equations involving brackets and numerical fractions.</li> <li>• Solve equations with fraction involving problem solving.</li> </ul> <p>Complete questions given in power point.</p> <ol style="list-style-type: none"> <li>1. Power point presentation</li> <li>2. Textbook KS3 Maths Progress delta 3 -Unit 3.3(page 53-55)</li> <li>3. <a href="https://www.youtube.com/watch?v=wjSbFruEwWI">https://www.youtube.com/watch?v=wjSbFruEwWI</a></li> </ol>
<b>Lesson 4</b>  <b>Google classroom</b>         <b>Task</b>  <b>Resource</b>	<p>Chapter 3.3 Solving equations(Google Classroom)</p> <p><b>Learning objective:</b></p> <ul style="list-style-type: none"> <li>• Solve equations involving fractions.</li> </ul> <p><b>Learning outcomes:</b> By end of the lesson students will be able to</p> <ul style="list-style-type: none"> <li>• Solve equations involving fraction on one side of equation.</li> <li>• Solve equations involving brackets and numerical fractions.</li> <li>• Solve equations with fraction involving problem solving.</li> </ul> <p>By referring to the PPTs and links given students will be asked to complete allocated textbook questions.</p> <ol style="list-style-type: none"> <li>1. Power point presentation</li> <li>2. Textbook KS3 Maths Progress delta 3 -Unit 3.3(page 53-55)</li> <li>3. <a href="https://www.pearsonactivelearn.com">https://www.pearsonactivelearn.com</a></li> <li>4. <a href="https://www.youtube.com/watch?v=wjSbFruEwWI">https://www.youtube.com/watch?v=wjSbFruEwWI</a></li> </ol>
<b>Lesson 5</b>  <b>Task</b>	<p><b>Assessment</b></p> <p>9.4 Congruent and similar shapes 9.5 Solving geometry problems</p>

