

**Peicai Secondary School**  
**Subject Overview for Semester 2 / 2022**  
**Mathematics [Secondary One (Normal Academic)]**

Semester 2			
Term 3 [27 June – 2 September]			
Week	Chapter/Topic/Skill/Area	Assignment/Homework	Weighted Assessment
<b>Week 1</b> [27 Jun - 1 Jul]	<b>Chapter 6</b> <b>Angles, Parallel Lines and Triangles</b> <ul style="list-style-type: none"> <li>• 6.1 Points, Lines and Planes</li> <li>• 6.2 Angles</li> <li>• 6.3 Parallel Lines and Transversals</li> <li>• 6.4 Triangles</li> </ul>	Assignment 6.1  Assignment 6.2 Assignment 6.3  Assignment 6.4	
<b>Week 2</b> [4 Jul - 8 Jul] <i>4 Jul- Youth Day Holiday</i> <i>7/7 HBL Day</i> <i>(Thursday)</i>	<b>Chapter 7 Ratio, Rate And Speed</b> <ul style="list-style-type: none"> <li>• 7.1 Ratio</li> <li>• 7.2 Rate</li> <li>• 7.3 Speed</li> <li>• Convert speed into different units</li> <li>• Solving problems involving speed</li> </ul>	Assignment 7.1 Assignment 7.2 Assignment 7.3  Review Ex. 7	
<b>Week 3</b> [11 Jul - 15 Jul] <i>11 Jul- Hari Raya Haji</i> <i>(In Lieu)</i>	<b>Chapter 8 Percentage</b> <ul style="list-style-type: none"> <li>• 8.1 Introduction to Percentage</li> <li>• 8.2 Percentage of a quantity</li> <li>• 8.3 Percentage Change</li> <li>• 8.4 Reverse Percentage</li> <li>• 8.5 Problems Involving Percentages in Practical Situation</li> </ul>	Assignment 8.1  Assignment 8.2  Assignment 8.3 Assignment 8.4 Assignment 8.5	
<b>Week 4</b> [18/7 – 22/7] <i>20/7 HBL Day</i> <i>(Wednesday)</i>	<b>Chapter 9 Sequences and Number Patterns</b> <ul style="list-style-type: none"> <li>• 9.1 Sequences</li> <li>• 9.2 Number Patterns Involving Geometric Figures</li> </ul>	Assignment 9.1  Assignment 9.2	
<b>Week 5</b> [25/7 – 29/7]	<b>Chapter 10 Perimeters and Areas of Plane Figures</b> <ul style="list-style-type: none"> <li>• 10.1 Perimeter and Area of Parallelograms</li> </ul>	Assignment 10.1  Assignment 10.2	

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	<ul style="list-style-type: none"> <li>• 10.2 Perimeter and Area of Trapeziums</li> <li>• 10.3 Perimeter and Area of Composite Plane Figure</li> </ul>	Assignment 10.3	
<b>Week 6</b> [1/8 – 5/8] <i>1/8 HBL Day (Monday)</i>	<b>Chapter 11 Volume and Surface Area of Prisms and Cylinders</b> <ul style="list-style-type: none"> <li>• 11.1 Views and Nets of 3D Shapes</li> <li>• 11.2 Volume and Total Surface Area of Prism</li> <li>• 11.3 Volume and Surface Area of Cylinders</li> </ul>	Assignment 11.1  Assignment 11.2	
<b>Week 7 – 8</b> [8/8 – 12/8 & 15/8 – 19/8]  8 to 10 Aug - National Day Commemoration & Holiday	<b>Revision for WA3</b>  <b>WA3</b>  <b>Chapter 11 Volume and Surface Area of Prisms and Cylinders</b> <ul style="list-style-type: none"> <li>• 11.4 Volume and Surface Area of Composite Solids</li> </ul>	Past Year Sec 1 WA3 Papers and/or Topical Revision Worksheets  Assignment 11.3  Assignment 11.4	<b>Weighted Assessment 3</b> Duration: 1 hour Marks: 40 Topics: <ul style="list-style-type: none"> <li>- Chapter 6: Angles, Parallel Lines &amp; Triangles</li> <li>- Chapter 7: Ratio, Rate and Speed</li> <li>- Chapter 8: Percentage</li> <li>- Chapter 9: Sequences and Number Patterns</li> <li>- Chapter 10: Perimeters &amp; Area of Plane Figures</li> <li>- Chapter 11: Volume &amp; Surface Area of Prism &amp; Cylinder</li> </ul>
<b>Week 9</b> [22/8 – 26/8]	<b>Chapter 12 Data Handling</b> <ul style="list-style-type: none"> <li>• 12.1 Collecting Data</li> <li>• 12.2 Organising Data</li> </ul>	Assignment 12.1 Assignment 12.2	
<b>Week 10</b> [29/8 – 2/9] 1 & 2 Sep - Teachers' Day Celebration & holiday	<b>Chapter 12 Data Handling</b> <ul style="list-style-type: none"> <li>• 12.3 Representing and Analysing Data</li> <li>• 12.4 Statistics in Real Life</li> </ul>	Assignment 12.3 Assignment 12.4 Holiday Assignment: Past year EOY paper or topical revision worksheet	

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<b>Term 4 [12 September – 28 October]</b>			
<b>Week</b>	<b>Chapter/Topic/Skill/Area</b>	<b>Assignment/Homework</b>	<b>Weighted/Unweighted Assessment</b>
<b>Week 1</b> [12/9 – 16/9]	<b>Revision for EOY</b>	Past Year Sec 1 EOY Papers and/or Topical Revision Worksheets	
<b>Week 2</b> [19/9 – 23/9]	<b>Revision for EOY</b>	Past Year Sec 1 EOY Papers and/or Topical Revision Worksheets	
<b>Week 3</b> [26/9 – 30/9]	<b>EOY</b>		<u>Paper 1</u> <i>Duration: 1 hour, Marks: 40</i>
<b>Week 4</b> [3/10 – 7/10]	<b>EOY</b>		<u>Paper 2</u> <i>Duration: 1 hour, Marks: 30</i>
<b>Week 5</b> [10/10 – 14/10]	<b>Error Analysis for EOY</b>		
<b>Week 6</b> (17/10 – 21/10)	<b>Error Analysis for EOY</b>		
<b>Week 7</b> (24/10 – 28/10) 24 Oct - Deepavali 28 Oct - Celebration & Recognition Day	<b>Post Exam Activities</b>		

The subject overview is tentative and is subject to changes.