

**Peicai Secondary School**  
**Subject Overview for Semester 2 / 2023**  
**Mathematics [Secondary Three Express]**

Term 3 [26 June – 1 September]			
Week	Chapter/Topic/Skill/Area	Assignment/Homework	Weighted Assessment
Week 1 [26 Jun - 30 Jun] <i>29 Jun - Hari Raya Haji</i>	6.1 Congruence Tests 6.2 Similarity Tests	Ex 6.1 Ex 6.2	
Week 2 [3 Jul - 7 Jul] <i>3 Jul - Youth Day Holiday</i>	<b>Sec 3 OBS</b>		
Week 3 [10 Jul - 14 Jul] <i>12 Jul - HBL</i>	6.3 Ratio of Areas of Similar Plane Figures 6.4 Ratio of Volumes of Similar Solids	Ex 6.3 Ex 6.4	
Week 4 [17 Jul – 21 Jul]	6.5 Perpendicular Bisectors, Angle Bisectors and Scale Drawings 7.1 Sine and Cosine Ratios of Obtuse Angles	Ex 6.5 Ex 7.1	
Week 5 [24 Jul – 28 Jul] <i>26 Jul – HBL</i>	7.2 Formula for the Area of a Triangle WA3 Revision	Ex 7.2	
Week 6 [31 Jul – 4 Aug] <i>1 Aug to 4 Aug – WA3</i>	<b>WA3 + Error Analysis</b>		<b>Weighted Assessment 3</b> Topics: Chapter 3 Indices Chapter 4 Coordinate Geometry Chapter 6 Congruence & Similarity Chapter 9 Arc Length & Area of Sector
Week 7 [7 Aug – 11 Aug] <i>8 to 10 Aug - National Day Commemoration &amp; Holiday</i>	7.3 The Sine Rule 7.4 The Cosine Rule	Ex 7.3 Ex 7.4	

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<p style="text-align: center;">Week 8            [14 Aug – 18 Aug]  <i>14 Aug to 18 Aug – WA3</i></p>	8.1 Bearing Problems 8.2 Angles of Elevation and Depression 8.3 Simple Three-Dimensional Problems	Ex 8.1 Ex 8.2 Ex 8.3	
<p style="text-align: center;">Week 9            [21 Aug – 25 Aug]  <i>23 Aug – HBL</i></p>	10.1 Chords of a Circle 10.2 Angles at The Circumference	Ex 10.1 Ex 10.2	
<p style="text-align: center;">Week 10            [28 Aug – 1 Sep]  <i>31 Aug &amp; 1 Sep - Teachers' Day Celebration &amp; holiday</i></p>	10.3 Angles in the Same Segment and Opposite Segments 10.4 Tangents to a Circle	Ex 10.3 Ex 10.4	

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<b>Term 4 [11 September – 27 October]</b>			
<b>Week</b>	<b>Chapter/Topic/Skill/Area</b>	<b>Assignment/Homework</b>	<b>Weighted Assessment</b>
Week 1 [11 Sep – 15 Sep]	<b>Revision for EOY</b> <ul style="list-style-type: none"> <li>• Past Year Sec 3 EOY Papers</li> <li>• Topical Revision Worksheets</li> </ul>	Practice Papers and Worksheets	
Week 2 [18 Sep – 22 Sep]	<b>Revision for EOY</b> <ul style="list-style-type: none"> <li>• Past Year Sec 3 EOY Papers</li> <li>• Topical Revision Worksheets</li> </ul>	Practice Papers and Worksheets	
Week 3 [25 Sep – 29 Sep]	<b>Revision for EOY</b> <ul style="list-style-type: none"> <li>• Past Year Sec 3 EOY Papers</li> <li>• Topical Revision Worksheets</li> </ul>	Practice Papers and Worksheets	
Week 4 [2 Oct – 6 Oct]	<b>EOY Examinations</b>		<b>EOY</b>  Paper 1: 90 marks, 2 hour 15 min Paper 2: 90 marks, 2 hour 15 min
Week 5 [9 Oct – 13 Oct]	<b>EOY Examinations</b>		
Week 6 [16 Oct – 20 Oct]	<b>Error Analysis</b>		
Week 7 [23 Oct – 27 Oct]	<b>Post Exam Activities</b>	<b>Holiday Assignment:</b> Past year Sec 3 EOY papers	

The subject overview is tentative and is subject to changes.