

Peicai Secondary School
Subject Overview for Semester 2 / 2022
Mathematics [Secondary Two (Express)]

Semester 2			
Term 3 [27 June – 2 September]			
Week	Chapter/Topic/Skill/Area	Assignment/Homework	Weighted/Unweighted Assessment
Week 1 [27 Jun - 1 Jul]	Chapter 7: Congruence and Similarity <ul style="list-style-type: none"> - Congruence - Similarity - Applications of Similarity 	Exercise 7.1 & 7.2	
Week 2 [4 Jul - 8 Jul] <i>4 Jul- Youth Day Holiday</i> <i>7 Jul - HBL</i>		Exercise 7.3 & Review Exercise 7	
Week 3 [11 Jul - 15 Jul] <i>11 Jul- Hari Raya Haji</i>	Chapter 8: Pythagoras' Theorem <ul style="list-style-type: none"> - Pythagoras' Theorem and It's Converse - Applications of Pythagoras' Theorem 	Exercise 8.1, 8.2 & Review Exercise 8	
Week 4 [18 Jul - 22 Jul] <i>20 Jul - HBL</i>	Chapter 9: Trigonometric Ratios <ul style="list-style-type: none"> - Trigonometric Ratios of Acute Angles - Applications of Trigonometric Ratios in Real-world Contexts 	Exercise 9.1	
Week 5 [25 Jul - 29 Jul]		Exercise 9.2 & Review Exercise 9	
Week 6 [1 Aug - 5 Aug] <i>1 Aug - HBL</i>	Chapter 10: Mensuration <ul style="list-style-type: none"> - Volume & Surface Area of Pyramids - Volume & Surface Area of Cones - Volume & Surface Area of Spheres 	Exercise 10.1 & 10.2	
	WA3 Revision		<u>Weighted Assessment 3</u>

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<p>Week 7 [8 Aug - 12 Aug] 8 to 10 Aug - National Day Commemoration & Holiday</p>			<p><i>Duration: 45 minutes</i> <i>Marks: 30</i> <u>Topics/Areas to be tested:</u> Chapter 6: Direct & Inverse Proportion Chapter 7: Congruence & Similarity Chapter 8: Pythagoras' Theorem Chapter 9: Trigonometric Ratios</p>
<p>Week 8 [15 Aug - 19 Aug]</p>	<p>Chapter 10: Mensuration</p> <ul style="list-style-type: none"> - Volume & Surface Area of Pyramids - Volume & Surface Area of Cones - Volume & Surface Area of Spheres 	<p>Exercise 10.2, 10.3 & Review Exercise 10</p>	
<p>Week 9 [22 Aug - 26 Aug] 23 Aug - HBL</p>	<p>Chapter 11: Statistical Diagrams</p> <ul style="list-style-type: none"> - Dot Diagrams - Histograms - Stem-and-leaf Diagrams 	<p>Exercise 11.1, 11.2, 11.3 & Review Exercise 11</p>	
<p>Week 10 [29 Aug - 2 Sep] 1 & 2 Sep - Teachers' Day Celebration & holiday</p>	<p>Chapter 12: Measures of Central Tendency</p> <ul style="list-style-type: none"> - Mean - Median - Mode 	<p>Exercise 12.1, 12.2, 12.3 & Review Exercise 12</p>	
Term 4 [12 September – 28 October]			
Week	Chapter/Topic/Skill/Area	Assignment/Homework	Weighted/Unweighted Assessment
<p>Week 1 [12 Sep - 16 Sep]</p>	<p>Revision for EOY</p>	<p>Past years' EOY Papers</p>	
<p>Week 2 [19 Sep - 23 Sep]</p>	<p>Revision for EOY</p>	<p>Past years' EOY Papers</p>	
<p>Week 3 [26 Sep - 30 Sep]</p>	<p>EOY Exams</p>		

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<p style="text-align: center;">Week 4 [3 Oct - 7 Oct]</p>	<p>EOY Exams</p>		<p><u>Paper 1</u> Duration: 1 hour 30 mins, Marks: 60 <u>Paper 2</u> Duration: 2 hours, Marks: 80</p>
<p style="text-align: center;">Week 5 [10 Oct - 14 Oct]</p>	<p>Error Analysis for EOY</p>		
<p style="text-align: center;">Week 6 [17 Oct - 21 Oct]</p>	<p>Error Analysis for EOY</p>		
<p style="text-align: center;">Week 7 [24 Oct - 28 Oct] <i>24 Oct - Deepavali</i> <i>28 Oct - Celebration</i> <i>& Recognition Day</i></p>	<p>Post Exam Activities</p>		

The subject overview is tentative and is subject to changes.