

Peicai Secondary School
Subject Overview for Semester 2 / 2023
Additional 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>	Chapter 8 Circles <ul style="list-style-type: none"> 8.1a Equation of Circles 8.1b Tangents of Circles 	Textbook Ex 8.1 Q8, 12, -16, 19, 21, 22, 28	
Week 2 [3 Jul - 7 Jul] <i>3 Jul - Youth Day Holiday</i>	<i>Sec 3 OBS Term 3 Week 2</i>		
Week 3 [10 Jul - 14 Jul] <i>12 Jul - HBL</i>	Chapter 9 Applications of Straight-Line Graphs <ul style="list-style-type: none"> 9.1 Transforming Equations to Linear Form 	Textbook Ex 9.1 Q4b, c, 5a, 9, 11, 13, 17	
Week 4 [17 Jul – 21 Jul]	Chapter 9 Applications of Straight-Line Graphs <ul style="list-style-type: none"> 9.2 Non-linear Equations and the Graphs of Their Corresponding Linear Forms 	Worksheet	
Week 5 [24 Jul – 28 Jul] <i>26 Jul - HBL</i>	Chapter 6 Binomial Theorem <ul style="list-style-type: none"> 6.1 Binomial Expansion of $(1 + b)^n$ 	Worksheet	
Week 6 [31 Jul – 4 Aug] <i>1 Aug to 4 Aug – WA3</i>	Chapter 6 Binomial Theorem <ul style="list-style-type: none"> 6.2 Binomial Expansion of $(a + b)^n$ 	Textbook Ex 6.2 Q4, 5, 9, 10, 12, 13, 16, 22	
Week 7 [7 Aug – 11 Aug] 8 to 10 Aug - National Day Commemoration & Holiday	Revision for WA3	<ul style="list-style-type: none"> Topical Worksheets for Chapter 5, 7 to 9. Past year WA3 papers. 	-

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<p style="text-align: center;">Week 8 [14 Aug – 18 Aug] <i>14 Aug to 18 Aug – WA3</i></p>	<p style="text-align: center;">Revision + WA3</p>	<p style="text-align: center;">Past year WA3 papers.</p>	<p style="text-align: center;">Weighted Assessment 3 Topics: Chapter 5 Logarithmic and Exponential Functions Chapter 7 Coordinate Geometry Chapter 8 Circles Chapter 9 Linear Law</p>
<p style="text-align: center;">Week 9 [21 Aug – 25 Aug] <i>23 Aug – HBL</i></p>	<p style="text-align: center;">Error Analysis</p> <p style="text-align: center;">Chapter 10 Trigonometric Functions</p> <ul style="list-style-type: none"> • 10.1 Trigonometric Functions of Angles 	<p style="text-align: center;">Textbook Ex 10.1 Q1, 2, 4, to 13, 16-20</p>	
<p style="text-align: center;">Week 10 [28 Aug – 1 Sep] 31 Aug & 1 Sep - Teachers' Day Celebration & holiday</p>	<p style="text-align: center;">Chapter 10 Trigonometric Functions 10.2 Graphs of Trigonometric Functions</p>	<p style="text-align: center;">Worksheet</p>	

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Term 4 [11 September – 27 October]			
Week	Chapter/Topic/Skill/Area	Assignment/Homework	Weighted Assessment
Week 1 [11 Sep – 15 Sep]	Chapter 11 Trigonometric Identities and Equations <ul style="list-style-type: none"> 11.1 Simple Trigonometric Identities 	Worksheet Textbook Ex 11.1 Q 7a, c, d, e, 10	
Week 2 [18 Sep – 22 Sep]	Revision for EOY <ul style="list-style-type: none"> Past Year Sec 3 EOY AMath Papers Topical Revision Worksheets 	Past Year Sec 3 EOY Papers and Topical Revision Worksheets	
Week 3 [25 Sep – 29 Sep]	Revision for EOY <ul style="list-style-type: none"> Past Year Sec 3 EOY AMath Papers Topical Revision Worksheets 	Past Year Sec 3 EOY Papers and Topical Revision Worksheets	
Week 4 [2 Oct – 6 Oct]	EOY Examinations		EOY Paper: 90 marks 2 hours 15 mins
Week 5 [9 Oct – 13 Oct]	EOY Examinations		
Week 6 [16 Oct – 20 Oct]	Error Analysis		
Week 7 [23 Oct – 27 Oct]	Post Exam Activities		Holiday Assignment: Other Schools' EOY Sec 3 AMath papers

The subject overview is tentative and is subject to changes.