

Peicai Secondary School
Subject Overview for Semester 2 / 2023
Mathematics [Secondary Three (NA)]

Semester 2			
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>	<u>Chapter 6: Coordinate Geometry</u> <ul style="list-style-type: none"> • 6.1 Gradient of a Straight Line • 6.2 Equation of a Straight Line • 6.3 Length of a Line Segment 	Ex 6.1 Ex 6.2 Ex 6.3	
Week 2 [3 Jul – 7 Jul] <i>2 Jul – Youth Day</i> <i>3 Jul School Holiday</i>	OBS CAMP (5 DAYS)		
Week 3 [10 Jul – 14 Jul] HBL #9 [12 Jul]	<u>Chapter 6: Coordinate Geometry</u> <ul style="list-style-type: none"> • 6.4 Geometric Problems Involving the Use of Coordinates <u>Chapter 7: Graphs of Power Functions and Exponential Functions</u> <ul style="list-style-type: none"> • 7.1 Graphs of Power Functions • 7.2 Graphs of Exponential Functions 	Ex 6.4 Ex 7.1 + TYS Ex 7.2 + TYS	
Week 4 [17 Jul – 21 Jul]	<u>Chapter 7: Graphs of Power Functions and Exponential Functions</u> <ul style="list-style-type: none"> • 7.2 Graphs of Exponential Functions • 7.3 Gradients of Curves • WA3 Revision 	Ex 7.2 + TYS Ex 7.3 + TYS Revision Papers + TYS	
Week 5 [24 Jul – 28 Jul] HBL #10[26 Jul]	<ul style="list-style-type: none"> • WA3 Revision <u>Chapter 7: Graphs of Power Functions and Exponential Functions</u> <ul style="list-style-type: none"> • 7.4 Graphs of Simple Sums of Power Functions 	Revision Papers + TYS Ex 7.4 + TYS	
Week 6 [31 Jul – 4 Aug] *Weighted Assessment 3	<u>Chapter 7: Graphs of Power Functions and Exponential Functions</u> <ul style="list-style-type: none"> • 7.5 Graphs in Practical Situations 	Ex 7.5 + TYS	<u>WA3 Topics:</u> Chap 4 – Indices Chap 5 - Congruence & Similarity Chap 6 - Coordinate Geometry
Week 7 [7 Aug – 11 Aug] <i>8 Aug – National Day Celebration</i> <i>9 Aug – National Day</i> <i>10 Aug – School Holiday</i>	<ul style="list-style-type: none"> • Review WA3 paper <u>Chapter 7: Graphs of Power Functions and Exponential Functions</u> <ul style="list-style-type: none"> • 7.5 Graphs in Practical Situations 	Ex 7.5 + TYS	
Week 8 [14 Aug - 18 Aug]	<u>Chapter 8: Trigonometric Ratios</u>	Ex 8.1	

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	<ul style="list-style-type: none"> 8.1 Trigonometric Ratios of Acute Angles 		
Week 9 [21 Aug - 25 Aug] HBL #11 [23 Aug]	Chapter 8: Trigonometric Ratios <ul style="list-style-type: none"> 8.2 Applications of Trigonometric Ratios in Real-world Contexts 	Ex 8.2 + TYS	
Week 10 [28 Aug - 1 Sep] 31 Aug – Teachers’ Day Celebration 1 Sep – Teachers’ Day	Chapter 9: Further Trigonometry <ul style="list-style-type: none"> 9.1 Sine and Cosine of Obtuse Angles 9.2 Formula for the Area of a Triangle 	Ex 9.1 Ex 9.2	

Semester 2			
Term 4 [11 September – 27 October]			
Week	Chapter/Topic/Skill/Area	Assignment/ Homework	Weighted Assessment
Week 1 [11 Sep - 15 Sep]	Chapter 9: Further Trigonometry <ul style="list-style-type: none"> 9.3 The Sine Rule 9.4 The Cosine Rule 	Ex 9.3 + TYS Ex 9.4 + TYS	
Week 2 [18 Sep – 22 Sep]	<ul style="list-style-type: none"> EYE Revision 	Revision Papers + TYS	
Week 3 [25 Sep – 29 Sep]	<ul style="list-style-type: none"> EYE Revision 	Revision Papers + TYS	
Week 4 [2 Oct - 5 Oct] 6 Oct – Marking Day	<ul style="list-style-type: none"> End of Year Examination 		End of Year Exam [Paper 1 (2h) + Paper 2 (2h)] Marks for both P1 and P2 is 70
Week 5 [9 Oct - 13 Oct]	<ul style="list-style-type: none"> End of Year Examination 		
Week 6 [16 Oct - 20 Oct]	<ul style="list-style-type: none"> Script Check 		
Week 7 [23 Oct - 27 Oct] 23 Oct – Promotion Ex 27 Oct – Recognition Day	<ul style="list-style-type: none"> Post Exam Activities 		

The subject overview is tentative and is subject to changes.