

Peicai Secondary School
Subject Overview for Semester 2 / 2023
Additional Mathematics [Secondary Four (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 18: Kinematics <ul style="list-style-type: none"> 18.1 Applications of Differentiation in Kinematics 18.2 Applications of Integration in Kinematics 	Ex 18.1 – 18.2 Topical TYS (unit 15)	
Week 2 [3 Jul - 7 Jul] <i>3 Jul - Youth Day Holiday</i>	Chapter 19: Plane Geometry <ul style="list-style-type: none"> 19.1 Triangular Theorems 	Ex 19.1	
Week 3 [10 Jul - 14 Jul] <i>12 Jul - HBL</i>	Chapter 19: Plane Geometry <ul style="list-style-type: none"> 19.2 Quadrilateral Theorems 19.3 Circle Theorems 	Ex 19.2 Ex 19.3 Topical TYS (Unit 16)	
Week 4 [17 Jul – 21 Jul]	Revision 1 <ul style="list-style-type: none"> A1: Quadratic Functions Revision 2 <ul style="list-style-type: none"> A2: Equations and Inequalities Revision 3 <ul style="list-style-type: none"> A3: Surds Revision/Timed Practice O Level Paper or Other School Prelim Paper	TYS and/or Topical Revision Worksheets O Level Paper or Other School Prelim Paper	
Week 5 [24 Jul – 28 Jul] <i>26 Jul - HBL</i>	Revision 4 <ul style="list-style-type: none"> A4: Polynomials and Partial Fractions Revision 5 <ul style="list-style-type: none"> A5: Binomial Expansions Revision/Timed Practice O Level Paper or Other School Prelim Paper	TYS and/or Topical Revision Worksheets O Level Paper or Other School Prelim Paper	
Week 6 [31 Jul – 4 Aug]	Revision 6 <ul style="list-style-type: none"> A6: Exponential and logarithmic functions 	TYS and/or Topical Revision Worksheets	

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	Revision 7 <ul style="list-style-type: none"> • G1: Trigonometric Functions, identities and equations Revision/Timed Practice O Level Paper or Other School Prelim Paper	O Level Paper or Other School Prelim Paper	
Week 7 [7 Aug – 11 Aug] 8 to 10 Aug - National Day Commemoration & Holiday	Revision 8 <ul style="list-style-type: none"> • G2: Goordinate Geometry in Two Dimentions Revision/Timed Practice O Level Paper or Other School Prelim Paper	TYS and/or Topical Revision Worksheets O Level Paper or Other School Prelim Paper	
Week 8 [14 Aug – 18 Aug] 15, 16 Aug & 18 Aug – O-Prelim Sc Prac	Revision 9 <ul style="list-style-type: none"> • G3: Proofs in Plane Geometry Revision 10 <ul style="list-style-type: none"> • C1: Differentiation & Integration Revision/Timed Practice O Level Paper or Other School Prelim Paper	TYS and/or Topical Revision Worksheets O Level Paper or Other School Prelim Paper	
Week 9 [21 Aug – 25 Aug] 21 to 25 Aug – O Prelim	O Prelims		O Prelims <u>Topics/Areas to be tested:</u> All Topics <u>Paper 1</u> Total marks: 90 marks Duration: 2 hours 15 mins <u>Paper 2</u> Total marks: 90 marks Duration: 2 hours 15 mins
Week 10 [28 Aug – 1 Sep] 28 to 30 Aug – O prelim 31 Aug & 1 Sep - Teachers' Day Celebration & holiday	O Prelims		

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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]	O Prelim Error Analysis		
Week 2 [18 Sep – 22 Sep]	Revision/Timed Practice Other School Prelim Papers	Other school Prelim Papers	
Week 3 [25 Sep – 29 Sep]	Revision/Timed Practice Other School Prelim Papers	Other school Prelim Papers	
Week 4 [2 Oct – 6 Oct] <i>4 Oct (Tues) to 6 Oct: 4E/5 Study Break</i>	Revision/Timed Practice Other School Prelim Papers	Other school Prelim Papers	
Week 5 [9 Oct – 13 Oct]	Revision/Timed Practice Other School Prelim Papers	Other school Prelim Papers	
Week 6 [16 Oct – 20 Oct]	O Level		

The subject overview is tentative and is subject to changes.