Peicai Secondary School
Subject Overview for Semester 2 / 2022
Additional Mathematics [Secondary Three (NA)]

Semester 2			
Term 3 [27 June – 2 September]			
Week	**Chapter/Topic/Skill/Area**	**Assignment/Homework**	**Weighted Assessment**
Week 1 [27 Jun - 1 Jul]	**Chapter 7: Coordinate Geometry** 7.3 Midpoint of a Line Segment 7.4 Areas of Triangle and Quadrilaterals	Ex 7.3, 7.4 & TYS worksheet for consolidation practice	
Week 2 [4 Jul - 8 Jul] *4 Jul - Youth Day Holiday* *7/7 HBL Day*	**Chapter 8: Circles** 8.1 Equations of circles	Ex 8.1	
Week 3 [11 Jul - 15 Jul] *11 Jul - Hari Raya Haji*	**Chapter 8: Circles** 8.1 Equations of circles	Ex 8.1 & TYS worksheet for consolidation practice	
Week 4 [18 Jul - 22 Jul] *20/7 HBL Day*	**Chapter 10: Trigonometric functions** 10.1 Trigonometric Functions of Angles	Ex10.1	
Week 5 [25 Jul - 29 Jul]	**Chapter 10: Trigonometric functions** 10.2 Graphs of Trigonometric Functions	Ex10.2	
Week 6 [1 Aug - 5 Aug] 1/8 HBL Day	**Chapter 10: Trigonometric functions** Continuation of 10.2 & Consolidation Practice	Ex 10.2 & TYS worksheet for consolidation practice	
Week 7 [8 Aug - 12 Aug] *8 Aug – National Day Celebration* *9 Aug – National Day* *10 Aug – School Holiday*	**Revision 1 for WA3:** Chapter 7 Coordinate Geometry **Revision 2 for WA3:** Chapter 8 Circles & Chapter 10 Trigonometric Functions	Revision worksheets	

Week 8 [15 Aug - 19 Aug]	**Revision 3 for WA3:** Chapter 10 Trigonometric + Chapter 2 Equations & Inequalities **Chapter 11: Trigonometric Identities & Equations** 11.1 Simple Trigonometric Identities	Revision worksheets	**Topics:** Chp 2, 7, 8 and 10 **Weighted Assessment 3 (WA3) – 17 August** • 8 to 10 questions • Paper duration: 1h • Total marks: 40
Week 9 [22 Aug - 26 Aug] *23/8 HBL Day*	**WA3 Error Analysis** **Chapter 11: Trigonometric Identities & Equations** Continue 11.1 Simple Trigonometric Identities	WA3 Corrections Ex 11.1	
Week 10 [29 Aug - 2 Sep] *1 Sep – Teachers' Day Celebration* *2 Sep – Teachers' Day*	**Chapter 11: Trigonometric Identities & Equations** 11.2 Solving Trigonometric Equations	Ex 11.1	

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Semester 2			
Term 4 [12 September – 28 October]			
Week	**Chapter/Topic/Skill/Area**	**Assignment/Homework**	**Weighted Assessment**
Week 1 [12 Sep - 16 Sep]	**Revision 1 for EYE** 2021 Peicai 3NA A-Math EYE Exam Papers	2021 Peicai 3NA A-Math EYE Exam Papers	
Week 2 [19 Sep – 23 Sep]	**Revision 2 for EYE** Other schools EYE Exam 2021 papers	Other schools EYE Exam 2021 papers	
Week 3 [26 Sep - 30 Sep]	**End-of-Year Exam**	**Book 3A:** Chapter 1, 2, 3, 4, 7, 8, 10 and 11.1	**End of year exam** • Paper duration: 1h 45 minutes • Total marks: 70
Week 4 [3 Oct - 7 Oct] *7 Oct – Marking Day*	**End-of-Year Exam**		
Week 5 [10 Oct - 14 Oct]	**Error Analysis / Covering Chapter 11** content as much as possible: 11.3 Addition Formulae 11.4 Double Angle Formulae 11.5 *R*-Formulae 11.6 Applications of Trigonometric Functions		
Week 6 [17 Oct - 21 Oct]	**Error Analysis / Covering Chapter 11** content as much as possible: 11.3 Addition Formulae 11.4 Double Angle Formulae 11.5 *R*-Formulae 11.6 Applications of Trigonometric Functions		
Week 7 [24 Oct - 28 Oct] *24 Oct – Deepavali* *28 Oct – Recognition Day*	**Post-Exam Activities**		

The subject overview is tentative and is subject to changes.