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

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 6 Proportion 6.1 Direct Proportion 6.2 Inverse Proportion	2A Textbook Ex 6.1 Pg.179-180, Q1, Q4, Q9, Q10 2A Textbook Ex 6.2 Pg.191-192, Q1, Q5, Q14	
Week 2 [4 Jul - 8 Jul] *4 Jul (Mon) - Youth Day Holiday* *7 Jul (Thu) - HBL*	Chapter 7 Quadrilaterals and Other Polygons 7.1 Quadrilaterals 7.3 Construction of Triangles and Quadrilaterals [HBL]	2A Textbook Ex 7.1 Pg.208-209, Q5b, Q7, Q8, Q11 2A Textbook Ex 7.3 Pg.226, Q3, Q8	
Week 3 [11 Jul - 15 Jul] *11 Jul (Mon) - Hari Raya Haji*	7.2 Polygons	2A Textbook Ex 7.2 Pg.219-220, Q1b, Q2b, Q4, Q6, Q7, Q9, Q13	
Week 4 [18 Jul - 22 Jul] *20 Jul (Wed) - HBL*	Chapter 8 Congruence and Similarity 8.1 Congruence 8.2 Similarity	2B Textbook Ex 8.1 Pg.14-17, Q1d, Q3b, Q6 2B Textbook Ex 8.2 Pg.26-28, Q3, Q5, Q7c, Q9	
Week 5 [25 Jul - 29 Jul]	8.3 Map Scale	2B Textbook Ex 8.3 Pg.36-37, Q1, Q2, Q4, Q6, Q9, Q14	
Week 6 [1 Aug - 5 Aug] *1 Aug (Mon) - HBL*	Chapter 9 Pythagoras' Theorem 9.1 Pythagoras' Theorem and Its Converse 9.2 Applications of Pythagoras' Theorem	2B Textbook Ex.9.1 Pg.51-53 Pythagoras' Theorem: Q1a, Q2b, Q3b, Q6, Q14 Converse of Pythagoras' Theorem: Q4c, Q4d, Q10, Q12 2B Textbook Ex 9.2 Pg.57-59, Q3, Q7, Q10, Q12	
Week 7 [8 Aug - 12 Aug] *8 Aug (Mon) – National Day Celebration* *9 Aug (Tue) – National Day* *10 Aug (Wed) – School Holiday*	Revision for Weighted Assessment 3 (WA3)	Revision Package for WA3	**Weighted Assessment 3 (WA3)** Duration: 45 minutes Marks: 30 Topics Tested: Chapter 4: Expansion & Factorisation of Algebraic Expressions Chapter 5: Algebraic Fractions

			Chapter 6: Proportion Chapter 7: Quadrilaterals and Other Polygons Chapter 8: Congruence and Similarity
Week 8 [15 Aug - 19 Aug] *15 Aug (Mon) – WA3*	Weighted Assessment 3 (WA3) <u>Chapter 10 Volume and Surface Area of Pyramids, Cones and Spheres</u> 10.1 Pyramids	2B Textbook Ex 10.1 Pg.75-76, Q2, Q7, Q8	
Week 9 [22 Aug - 26 Aug] *23 Aug (Tue) - HBL*	10.2 Cones 10.3 Spheres	2B Textbook Ex 10.2 Pg.85-86, Q1, Q4, Q8 2B Textbook Ex 10.3 Pg.94-95, Q1a, Q2a, Q3c, Q6, Q12, Q13	
Week 10 [29 Aug - 2 Sep] *1 Sep (Thu) – Teachers' Day Celebration 2 Sep (Fri) – Teachers' Day*	<u>Chapter 11</u> <u>Statistical Diagrams</u> 11.1 Dot Diagrams 11.2 Histogram 11.3 Stem-and-Leaf Diagram	2B Textbook Ex 11.1 Pg.114-115, Q2, Q6, Q7 2B Textbook Ex 11.2 Pg.126-128, Q2, Q9 2B Textbook Ex 11.3 Pg.137-139, Q3, Q5, Q9	
September Holidays		EOY Revision Package - Self assessment checklist - 2021 PCSS EOY Papers	

Semester 2			
Term 4 [12 September – 28 October]			
Week	**Chapter/Topic/Skill/Area**	**Assignment/Homework**	**Weighted/Unweighted Assessment**
Week 1 [12 Sep - 16 Sep]	Chapter 12 Measure of Central Tendency 12. 1 Mean 12.2 Median 12.3 Mode	2B Textbook Ex 12.1 Pg.154-156, Q5, Q6, Q10, Q11 2B Textbook Ex 12.2 Pg.162-163, Q1a, 1b, Q2b, 2c, Q4, Q5, Q8 2B Textbook Ex 12.3 Pg.170-171, Q4, Q5, Q8, Q12	
Week 2 [19 Sep – 23 Sep]	Revision for End-of-Year Examination	Self-Assessment checklist 2021 EOY Papers	
Week 3 [26 Sep - 30 Sep]	End-Of-Year Examinations		End of Year Exam Paper 1: 1 h 30 mins, 60 marks. Paper 2: 1 h 30 mins, 45 marks.
Week 4 [3 Oct - 7 Oct]	End-Of-Year Examinations		
Week 5 [10 Oct - 14 Oct]	Error Analysis		
Week 6 [17 Oct - 21 Oct]	Error Analysis		
Week 7 [24 Oct - 28 Oct] *24 Oct (Mon) – Deepavali* *28 Oct (Fri) – Recognition Day*	Post-Exam Activities Chapter 13 Probability 13.1 Introduction to Probability 13.2 More Problems involving Probability		

The subject overview is tentative and is subject to changes.