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

Semester 2			
Term 3 [26 June – 1 September]			
Week	**Chapter/Topic/Skill/Area**	**Assignment/Homework**	**Weighted Assessment**
Week 1 [26 Jun – 30 Jun] Hari Raya Haji (PH 29/06)	**Chapter 6: Pyramids, Cone and Spheres.** 6.1 Surface Area and Volume of Pyramids. 6.2 Surface Area and Volume of Cones. 6.3 Surface Area and Volume of Spheres.	Textbook Ex 6A Ex 6B Ex 6C	
Week 2 [3 Jul - 7 Jul] Youth Day (SH 03/07)	SEC 3 MOE OBS (out of school)		
Week 3 [10 Jul - 14 Jul] HBL – Wed 12/07	**Chapter 6: Pyramids, Cone and Spheres.** 6.4 Surface Area and Volume of Composite Solids.	Textbook Ex 6D	
Week 4 (17 Jul – 21 Jul)	**Chapter 7: Cumulative Frequency** 7.1 Range 7.2 Cumulative Frequency Tables and Diagrams. 7.3 Percentiles, Quartiles and Interquartile Range.	Textbook Ex 7A Ex 7B Ex 7C	
Week 5 (24 Jul – 28 Jul) ApLM 8.00-5.00 Selected 3NT Students ITE East & Central	**Chapter 8: Graphs of Linear Equations** 8.1 Graphs of Linear Equation in form $Ax + By = C$.	Textbook Ex 8A	
Week 6 (31 Jul – 4 Aug) WA3 Week	**Chapter 8: Graphs of Linear Equations** 8.1 Graphs of Linear Equation in form $Ax + By = C$. **Revision for WA 3.**	Textbook Ex 8A Worksheet Revision 1 for WA 3 Revision 2 for WA 3	**Weighted Assessment 3** *Duration:1 hour,* Marks: 30 Topics to be tested: Chapter 4: Factorization and Formulas Chapter 5: Arc Lengths and Sector Areas Chapter 6: Pyramids, Cones and Spheres Chapter 7: Cumulative

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Week 7 (7 Aug – 11 Aug) 8 Aug National Day Commemoration National Day (PH 09/09-10/09)	**Chapter 9: Simultaneous Linear Equations.** 9.1 Formulating a Pair of Simultaneous Linear Equations in Two Variables to Solve Problems. 9.2 Solve Simultaneous Linear Equations by Elimination Method.	Textbook Ex 9A Ex 9B	
Week 8 14 Aug – 18 Aug WA3 Week			
Week 9 (21 Aug – 25 Aug) HBL – Wed 23/08	**Chapter 9: Simultaneous Linear Equations.** 9.3 Solve Simultaneous Linear Equations by Substitution Method.	Textbook Ex 9B	
Week 10 (28 Aug – 1 Sep) Teachers' Day Celebrations 31/08 Teachers' Day (SH 01/09)	9.4 Solve Simultaneous Linear Equations by Graphical Method.	Ex 9C	

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Term 4 [11 September – 27 October]			
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Week 1 [11 Sep - 15 Sep] Wed (13/09) - Follow Even Mon Timetable	Revision for End-of-Year Exam	2020 Peicai 3NT End of Year Papers 1 and 2. 2021 Peicai 3NT End of Year Papers 1 and 2. 2022 Peicai 3NT End of Year Papers 1 and 2.	
Week 2 [18 Sep – 22 Sep]			
Week 3 [26 Sep - 30 Sep]			
Week 4 [3 Oct - 7 Oct]	End of Year Exams		Paper 1 (1 h 30 min), 50 Marks. Paper 2 (1 h 30 min), 50 Marks.
Week 5 [9 Oct - 13 Oct]			
Week 6 [16 Oct - 20 Oct] Marking Day [16/10]	Error Analysis		
Week 7 [23 Oct - 27 Oct] Recognition Day [27/10]	Post-Exam Activities [24 Oct – 26 Oct]	Holiday Assignments (Revision Papers)	

The subject overview is tentative and is subject to changes.