Peicai Secondary School
Subject Overview for Semester 2 / 2023
Mathematics [Secondary One (Express)]

Semester 2			
Term 3 [26 June – 1 September]			
Week	**Chapter/Topic/Skill/Area**	**Assignment/Homework**	**Weighted Assessment**
Week 1 [26 Jun – 30 Jun] *29 Jun – Hari Raya Haji*	**Chapter 8: Ratio, Rate And Speed** 8.1 Ratio 8.2 Rate	Ex 8.1 and 8.2 selected questions	
Week 2 [3 Jul - 7 Jul] *3 Jul- Youth Day Holiday*	**Chapter 8: Ratio, Rate And Speed** 8.3 Speed **Chapter 9: Percentage** 9.1 Introduction to Percentage 9.2 Percentage Change	Ex 8.3 selected questions Ex 9.1 and 9.2 selected questions	
Week 3 [10 Jul - 14 Jul] *12 Jul- HBL*	**Chapter 9: Percentage** 9.3 Reverse Percentages 9.4 Problems Involving Percentages in Practical Situations	Ex 9.3 and 9.4 selected questions	
Week 4 [17 Jul – 21 Jul]	**Chapter 10: Sequences and Number Patterns** 10.1 Sequences 10.2 Number Patterns Involving Geometric Figures	Ex 10.1 and 10.2 selected questions	
Week 5 [24 Jul – 28 Jul] *26 Jul – HBL*	**Chapter 11: Coordinates and Linear Graphs** 11.1 Cartesian Coordinate System 11.2 Concept of a Function	Ex 11.1 and 11.2 selected questions	
Week 6 [31 Jul – 4 Aug] *1 Aug to 4 Aug – WA3*	**Chapter 11: Coordinates and Linear Graphs** 11.3 Linear Functions and their Graphs 11.4 Gradients of Linear Graphs	Ex 11.3 and 11.4 selected questions	**Weighted Assessment 3** Duration: 1 hour Marks: 40 Topics: - Chapter 8: Ratio, Rate and Speed - Chapter 9: Percentage - Chapter 10: Sequences and Number Patterns - Chapter 11: Coordinates and Linear Graphs (partial)

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Week 7 [7 Aug – 11 Aug] *8 to 10 Aug - National Day Commemoration & Holiday*	**Chapter 12: Perimeters And Areas Of Plane Figures** 12.1 Perimeter and Area of Parallelograms 12.2 Perimeter and Area of Trapeziums	Ex 12.1 and 12.2 selected questions	
Week 8 [14 Aug – 18 Aug] *14 Aug to 18 Aug – WA3*	**Chapter 12: Perimeters And Areas Of Plane Figures** 12.3 Perimeter and Area of Composite Plane Figures	Ex 12.3 selected questions	
Week 9 [21 Aug – 25 Aug] *23 Aug - HBL*	**Chapter 13: Volume and Surface Area of Prisms and Cylinders** 13.1 Views and Nets of 3D Shapes 13.2 Volume and Total Surface Area of Prisms 13.3 Volume and Surface Area of Cylinders	Ex 13.1, 13.2 and 13.3 selected questions	
Week 10 [28 Aug – 1 Sept] *31 Aug & 1 Sept- Teachers' Day Celebrations & holiday*	**Chapter 13: Volume and Surface Area of Prisms and Cylinders** 13.4 Volume and Surface Area of Composite Solids	Ex 13.4 selected questions	

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Semester 2			
Term 4 [11 September – 27 October]			
Week	**Chapter/Topic/Skill/Area**	**Assignment/Homework**	**Weighted Assessment**
Week 1 [11 Sep - 15 Sep]	**Chapter 14: Data Handling** 14.1 Collecting Data 14.2 Organising Data 14.3 Representing and Analysing Data	Ex 14.1, 14.2 and 14.3 selected questions	
Week 2 [18 Sep – 22 Sep]	**Chapter 14: Data Handling** 14.4 Statistics in Real Life	Ex 14.4 selected questions	
Week 3 [25 Sep - 29 Sep]	**Revision for EOY** - Past Year Sec 1 EOY papers - Topical Revision Worksheets	Past Year Sec 1 EOY Papers and/or Topical Revision Worksheets	
Week 4 [2 Oct - 6 Oct]	**EOY**		Paper 1 *Duration: 1 hour 15 min, Marks: 50*
Week 5 [9 Oct - 13 Oct]	**EOY**		Paper 2 *Duration: 1 hour 15 min, Marks: 50*
Week 6 [16 Oct - 20 Oct]	**Error Analysis for EOY**		
Week 7 [23 Oct - 27 Oct]	**Post Exam Activities**	Holiday Assignment	

The subject overview is tentative and is subject to changes.