

YISHUN SECONDARY SCHOOL
MATHEMATICS
SECONDARY 4 NORMAL ACADEMIC 2023

Mathematics Curriculum		Key Programmes
In line with the requirements of the Mathematics Syllabus, teaching of Math at YSS focuses on developing thinking, reasoning and problem-solving skills using Math Modelling, investigations and making connections among mathematical concepts.		
Term 1	Chapter	Assessment
Week 1 (New Year's Day – Mon)	Back-to-school programme	
Week 2	1.1 Trigo ratios (Recap) 1.2 Angles of elevation and depression	
Week 3	1.3 Bearings 1.4 Three-Dimensional Problems	
Week 4 (CNY – Mon, Tue)	1.4 Three-Dimensional Problems Revision for WA1	
Week 5	2.1 Length of Arc 2.2 Area of Sector	WA1 Sec 3 topics: Chap 7, Chap 8 Sec 4 topic: Chap 1.1, 1.2
Week 6	2.3 Radian Measure 2.4 Arc Length and Area of Sector using Radian Measure	
Week 7	3.1 Probability of Single Event 3.2 Simple Combined Events, Possibility Diagrams and Tree Diagrams	
Week 8	3.2 Simple Combined Events, Possibility Diagrams and Tree Diagrams 3.3 Addition Law of Probability and Mutually Exclusive Events	
Week 9	3.3 Addition Law of Probability and Mutually Exclusive Events 3.4 Multiplication Law of Probability and Independent Events	
Week 10	3.4 Multiplication Law of Probability and Independent Events	
March Holiday Assignment		
Term 2	Chapter	Assessment
Week 1	Revision for WA2	
Week 2	4.1 Cumulative Frequency Table & Curve	WA2 Lower Sec topics: Percentage, Fraction, Rate, Ratio and Speed Sec 4: Chap 1 to 3.3

Week 3 (Good Fri)	4.2 Median, Quartiles, Percentiles, Range & Interquartile Range	
Week 4	4.3 Box & Whisker Plots	
Week 5	5.1 Mean 5.2 Standard Deviation	
Week 6 (Hari Raya Puasa – Mon)	Student Learning Fest	
Week 7 (Labour Day – Mon)	6.1 Symmetric Properties of Circles	
Week 8	6.2 Angle Properties of Circles	
Week 9	Revision: Numbers and Algebra	
Week 10	Revision: Numbers and Algebra	
June Holiday Assignment		
Term 3	Chapter	Assessment
Week 1 (Hari Raya Haji –Thu)	Revision: Geometry and Measurement	
Week 2 – 3 (Youth Day – Mon)	Revision: Geometry and Measurement	
Week 4	Revision: Probability and Statistics	
Week 5 (National Oral: Tue – Thu) HBL 25-27 Jul	Revision: TYS, Past year papers Prelim Exam (Sec 4NT, 4NA) 24 Jul, 31 Jul to 4 Aug, 14-15 Aug	
Week 6- 8 (National Day – Wed, School Holiday – Thu)	Prelim Exam (Sec 4NT, 4NA) 24 Jul, 31 Jul to 4 Aug, 14-15 Aug	<u>Prelim</u> All Sec 1 to 4 topics
Week 9 and 10 (Teachers' Day Celebration – Thu, Teachers' Day – Fri)	Review of Prelim Exam	
September Holiday Assignment		
Term 4	Chapter	Assessment
Week 1 – 2	GCE N Level Written Examination	
Week 3	Revision (Yearly TYS)	
Week 4 – 5	GCE N Level Written Examination	