

YISHUN SECONDARY SCHOOL
MATHEMATICS
SECONDARY 4 Normal Academic 2026

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 0 (1st Jan Thu-New Year day)	Back-to-school programme	
Week 1 (BTS Mon, Tue)	1.1 Trigo ratios (recap) 1.2 Angles of elevation and depression	
Week 2	1.3 Bearings 1.4 Three-Dimensional Problems	
Week 3	WA1 Revision	
Week 4	2.1 Length of Arc 2.2 Area of Sector	WA1
Week 5	2.3 Radian Measure	
Week 6	2.4 Arc Length and Sector Area using Radian Measure	
Week 7 (16 th -18 th Feb Mon to Wed – CNY)	3.1 Probability of Single Event	
Week 8 (27 Feb, Fri – HBL Sec 3 Oral)	3.2 Simple Combined Events, Possibility Diagrams and Tree Diagrams 3.3 Addition Law of Probability and Mutually Exclusive Events	
Week 9 (6 Mar, Fri – HBL Sec 3 Oral)	3.4 Multiplication Law of Probability and Independent Events	
Week 10	4.1 Cumulative Frequency Table & Curve	
March Holiday Assignment (Topical TYS)		
Term 2	Chapter	Assessment
Week 1 (23 rd Mar Mon– Hari Raya Puasa)	4.2 Median, Quartiles, Percentiles, Range & Interquartile Range	

Week 2 (3 rd Apr Fri – Good Friday)	4.3 Box & Whisker Plots 5.1 Mean (Recap)	
Week 3 (10 th Apr Fri – Speech Day)	5.2 Standard Deviation	
Week 4 (17 th Apr Fri HBL - Sec 4 oral)	6.1 Symmetric Properties of Circles	
Week 5 (24 th Apr Fri HBL - Sec 4 oral)	6.2 Angle Properties of Circles	
Week 6 (1 st May Fri - Labour Day)	Revision for WA2	
Week 7 (HBL (oral) - Fri)	Student Learning Fest	WA2 (6 May) (Time Practice 2025)
Week 8	Revision: Numbers and Algebra (Textbook) 7.1 Numbers and Percentages 7.3 Algebraic manipulation and formulae	
Week 9 (22 nd May Fri– Cross Country)	Revision: Numbers and Algebra (Textbook) 7.4 Equations and inequalities 7.5 Functions and graphs	
Week 10 (27 th May Wed– Hari Raya Haji)	Revision: Geometry and Measurement 8.1 Angles, triangles and polygons 8.3 Pythagoras' Theorem and Trigonometry	
June Holiday Assignment (Past year Prelim P1)		
Term 3	Chapter	Assessment
Week 1	Revision: Geometry and Measurement (Textbook) 8.4 Mensuration 8.5 Coordinate Geometry	
Week 2 (6 th Jul Mon – Youth Day)	Revision: Probability and Statistics (Textbook) 9.1 Probability 9.2 Statistics	
Week 3 (National Oral Exam: Tue – Thu) HBL 14 th -17 th Jul	HBL due to National Oral Examination (14 to 16 July) Revision (Textbook) 7.2 Proportion, ratio, rate, and speed 7.6 Graphs in Practical Situations	
Week 4-5	Revision: Past YSS Year Papers	
Week 5-6	Prelim Exam (Sec 4NT, 4NA) 29 Jul to 6 Aug, 11-13 Aug	<u>Prelim (starts from Week 5)</u>

(7 th Aug Fri National Day Celebration, 9 th Aug Sun – National Day) Week 7 (10 th Aug Mon – School Holiday)		All Sec 1 to 4 topics
Week 8-9	Review of Prelim Exam	
Week 9 and 10 (3 th Sept Thu - Teachers' Day celeb) (4 th Sept Fri - Teachers' Day)	Revision for GCE N level 8.2 Congruence and Similarity (TB) 8.6 Properties of circles (TB) TYS	
September Holiday Assignment (other school's paper)		
Term 4	Chapter	Assessment
Week 1	GCE N Level Written Examination	
Week 2	Revision (Yearly TYS)	
Week 3-4	GCE N Level Written Examination	