

YISHUN SECONDARY SCHOOL
MATHEMATICS
SECONDARY 3 G3 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 - 1 (1 Jan, Thu-New Year day)	Back to School Programme (2 Jan to 6 Jan)	
Week 1 - 2	1.1 Solving quadratic equations by completing the square 1.2 Solving quadratic equations by using formula	
Week 3	1.3 Solving fractional equations reducible to quadratic equations 1.4 Solving quadratic equations by graphical method	
Week 4	1.5 Sketching of graphs of quadratic functions 1.6 Applications of quadratic equations and functions in real-world	
Week 5	2.1 Solving simultaneous linear inequalities 2.2 Solving problems involving simultaneous linear inequalities	
Week 6	3.1 Indices 3.2 Laws of indices	
Week 7 (16 Feb, Mon – School Celebration, 17 Feb, Tue – 18 Feb, Wed CNY)	3.3 Zero and negative indices 3.4 Rational indices Revise for WA1	
Week 8 (27 Feb, Fri – HBL Sec 3 Oral)	3.5 Compound Interest	WA1
Week 9 (6 Mar, Fri – HBL Sec 3 Oral)	3.6 Standard Form	
Week 10	4.1 Gradient of a Straight Line 4.2 Length of a Line Segment 4.3 Equation of a Straight Line	
March Holiday		

Term 2	Chapter	Assessment
Week 1 (23 Mar, Mon – Hari Raya Puasa School Hol)	5.1 Graphs of cubic functions 5.2 Graphs of reciprocal functions	
Week 2 (3 Apr, Fri – Good Friday)	5.3 Graphs of exponential functions	

Week 3	5.4 Gradient of curve 5.5 Applications of graph in real-world context	
Week 4 (HBL – Fri Sec 4 Oral)	Revision for WA2	
Week 5 (HBL – Fri Sec 4 Oral)	6.1 Sine and cosine of obtuse angles 6.2 Area of triangle	WA2
Week 6 (1 May Fri - Labour Day)	6.3 Sine rule 6.4 Cosine rule	
Week 7	Student Learning Festival	
Week 8	7.1 Angles of elevation and depression	
Week 9 (22 May - Cross Country)	7.2 Bearings	
Week 10 (27 May, Wed – Hari Raya Haji)	7.3 Three-dimensional problems	
June Holiday Assignment (SLS for Chp 8.1, 8.2)		

Term 3	Chapter	Assessment
Week 1	8.3 Radian Measure 8.4 Arc length and sector area using radian measure	
Week 2 (6 Jul Mon – Youth Day)	11.1 Symmetric properties of circles	
Week 3 (National Oral Exam: Tue – Thu) HBL 14 - 16 Jul	HBL due to National Oral Examination (14 to 16 July) 11.2 Angle properties of circles	
Week 4	11.2 Angle properties of circles 9.1 Bisector and scale drawings	
Week 5	9.2 Congruence tests	
Week 6 (7 Aug, Fri – National Day School Celebration)	9.2 Congruence tests Revise for WA3	
Week 7 (10 Aug, Mon – National Day School Holiday)	9.3 Similarity tests	WA3

Week 8	9.4 Applications of congruent and similar triangles	
Week 9	10.1 Area of similar figures 10.2 Volume of Similar solids	
Week 10 (3 Sep Thu - Teachers' Day celeb) (4 Sep Fri - Teachers' Day Celebration)	10.3 Solving problems involving similar solids	
September Holiday		
Term 4	Chapter	Assessment
Week 1	Revision	
Week 2	Revision	
Week 3 – 4	End-of-Year Examination	
Week 5	Script Checking and Review of Exam Papers	
Week 6	Post-Exam Programmes	