

YISHUN SECONDARY SCHOOL
MATHEMATICS
SECONDARY 3 G2 2026

Mathematics Curriculum		Key Programmes
In line with the requirements of the Mathematics (G2) Syllabus, the teaching of Math at YSS focuses on developing thinking, reasoning and problem-solving skills using Math Modelling, making conjectures, 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 Expansion of Algebraic Expressions (<i>Recap</i>) 1.2 Factorisation by algebraic expressions into form $(a + b)(c + d)$	
Week 3	1.3 Addition and Subtraction of Algebraic Fractions	
Week 4	1.4 Solving equations involving algebraic fractions 1.5 Manipulation of Algebraic Formulae	
Week 5	2.1 Solving Quadratic Equations by Factorisation	
Week 6	2.2 Solving Quadratic Equations by Completing the Square	
Week 7 (16 Feb, Mon – School Celebration, 17 Feb, Tue – 18 Feb, Wed CNY)	WA1 Revision	
Week 8 (27 Feb, Fri – HBL Sec 3 Oral)	2.3 Solving Quadratic Equations using Formula 2.4 Solving Fractional Equations that can be reduced to Quadratic Equations	WA1
Week 9 (6 Mar, Fri – HBL Sec 3 Oral)	2.5 Solving quadratic by graphical method	
Week 10	2.6 Applications of quadratic equations in mathematical problems, real world contexts	
March Holiday		

Term 2	Chapter	Assessment
Week 1 (23 Mar, Mon – Hari Raya Puasa School Hol)	3.1 Indices 3.2 Laws of Indices	

Week 2 (3 Apr, Fri – Good Friday)	3.3 Zero and Negative Indices 3.4 Rational indices	
Week 3	3.5 Compound Interest	
Week 4 (HBL – Fri Sec 4 Oral)	3.6 Standard Form WA2 Revision	
Week 5 (HBL – Fri Sec 4 Oral)	4.1 Length of a Line Segment	WA2
Week 6 (1 May Fri - Labour Day)	4.2 Gradient of a Straight Line 4.3 Equation of a Straight Line	
Week 7	Student Learning Festival	
Week 8	5.1 Graphs of Cubic Functions 5.2 Graphs of Reciprocal Functions	
Week 9 (22 May - Cross Country)	5.3 Graphs of Exponential Functions	
Week 10 (27 May, Wed – Hari Raya Haji)	5.4 Gradient of a Curve	
June Holiday Assignment (SLS Assignment)		

Term 3	Chapter	Assessment
Week 1	5.5 Applications of Graphs in Real-World Contexts	
Week 2 (6 Jul Mon – Youth Day)	6.1 Trigonometric Ratios 6.2 Applications of Trigonometric Ratios to Find Unknown Sides of Right-Angled Triangles	
Week 3 (National Oral Exam: Tue – Thu) HBL 14 - 16 Jul	HBL due to National Oral Examination (14 to 16 July) (6.2 Applications of Trigonometric Ratios to Find Unknown Sides of Right-Angled Triangles - HBL)	
Week 4	6.3 Applications of Trigonometric Ratios to Find Unknown Angles in Right-Angled Triangles	
Week 5	6.4 Applications of Trigonometric Ratios in Real-World Contexts	
Week 6 (7 Aug, Fri – National Day School Celebration)	7.1 Sine and Cosine of Obtuse Angles WA3 Revision	
Week 7 (10 Aug, Mon –	7.2 Area of Triangles	WA3

National Day School Holiday)	7.3 Sine Rule	
Week 8	7.4 Cosine Rule 8.1 Enlargement and Reduction of a Plane Figure	
Week 9	8.2 Scale Drawings 8.3 Solving Simple Problems involving Congruence and Similarity	
Week 10 (3 Sep Thu - Teachers' Day celeb) (4 Sep Fri - Teachers' Day Celebration)	8.3 Solving Simple Problems involving Congruence and Similarity	
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	