

YISHUN SECONDARY SCHOOL
MATHEMATICS
SECONDARY 2 G2 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 Linear Expressions with Fractional Coefficients 1.2 Linear Equations with Fractional Coefficients and Fractional Equations	
Week 3	1.3 Simple Inequalities 1.4 Solving Simple Linear Inequalities WA1 Revision	
Week 4	2.1: Cartesian Coordinates 2.2 Functions	
Week 5	2.3 Linear Functions 2.4 Application of Linear Graphs in Real-world Contexts	WA1
Week 6	3.1 Graphs of Linear Equations in the form $ax + by = k$	
Week 7 (16 Feb, Mon – School Celebration, 17 Feb, Tue – 18 Feb, Wed CNY)	3.2 Solving Simultaneous Linear Equations using Graphical Methods	
Week 8 (27 Feb, Fri – HBL Sec 3 Oral)	3.3 Solving Linear Equation by Elimination Method	
Week 9 (6 Mar, Fri – HBL Sec 3 Oral)	3.4 Solving Linear Equation by Substitution Method 3.5 Application of Simultaneous Equation in Real-world Contexts	
Week 10	4.1 Addition and Subtraction of Quadratic Expressions 4.2 Expansion of Algebraic Expressions of the form $(a + b)(c + d)$	
March Holiday		
Term 2	Chapter	Assessment
Week 1 (23 Mar, Mon – Hari Raya Puasa School Hol)	4.3 Expansion of Quadratic Expressions 4.4: Factorisation of Linear Expressions	
Week 2	4.5: Factorisation of Quadratic Expressions	

(3 Apr, Fri – Good Friday)		
Week 3	5.1: Expansion using Special Algebraic Identities 5.2: Factorisation using Special Algebraic Identities	
Week 4 (HBL – Fri Sec 4 Oral)	6.1: Algebraic Fractions 6.2: Multiplication and Division of Algebraic Fractions	
Week 5 (HBL – Fri Sec 4 Oral)	7.1: Direct Proportion 7.2: Algebraic and Graphical Representation of Direct Proportion 7.3: Other Forms of Direct Proportion	
Week 6 (1 May Fri - Labour Day)	7.4: Inverse Proportion 7.5: Algebraic and Graphical Representation on Inverse Proportion 7.6: Other Forms of Inverse Proportions	
Week 7	Student Learning Festival	
Week 8	8.1: Quadrilaterals 8.2: Geometrical Constructions of Triangles and Quadrilaterals WA 2 Revision	
Week 9 (22 May - Cross Country)	8.3: Polygons	WA2
Week 10 (27 May, Wed – Hari Raya Haji)	9.1: Congruent Figures 9.2: Similar Figures	
June Holiday Assignment		
Term 3	Chapter	Assessment
Week 1	9.3: Similarity and Map Scales	
Week 2 (6 Jul Mon – Youth Day)	10.1: Pythagoras' Theorem 10.2: Application of Pythagoras' Theorem in Real-World Contexts 10.3: Converse of Pythagoras' Theorem	
Week 3 (National Oral Exam: Tue – Thu) HBL 14 - 16 Jul	HBL due to National Oral Examination (14 to 16 July) 11.1: Volume and Surface Area of Pyramids	
Week 4	11.2: Volume and Surface Area of Cone 11.3: Volume and Surface Area of Spheres	
Week 5	11.4: Volume and Surface Area of Composite Solids	
Week 6 (7 Aug, Fri – National Day School Celebration)	12.1: Probability Experiment and Sample Space 12.2: Probability of Single Events	
Week 7 (10 Aug, Mon – National Day School Holiday)	12.3: Further Examples of Probability of Single Event 12.4: Experimental Approach to Finding Probability WA3 Revision	

Week 8	13.1: Dot Diagrams 13.2: Histograms for Ungrouped Data 13.3: Stem-and-leaf Diagrams 13.4: Histograms for Grouped Data	WA3
Week 9	14.1: Mean 14.2: Median 14.3: Mode	
Week 10 (3 Sep Thu - Teachers' Day celeb) (4 Sep Fri -Teachers' Day Celebration)	14.4: Measure of Central Tendency	
September Holiday		
Term 4		
Week 1	Revision	
Week 2	Revision	
Week 3 – 4	Revision End-of-Year Exam	
Week 5	End-of-Year Examination	
Week 6	Script Checking and Review of Exam Papers	