YISHUN SECONDARY SCHOOL
MATHEMATICS
SECONDARY 1 G3 2025

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 Jan Wed-New Year day)	**Back to School Programme**	
Week 1	ArithmetEQ Challenge 1.1 Prime Numbers	
Week 2	1.2 Square Roots and Cube Roots 1.3 HCF and LCM	
Week 3	2.1 Negative Numbers 2.2 Addition and Subtraction of negative numbers	
Week 4 (28 Jan – CNY celebration,29 – 30 Jan, Wed Thur - CNY)	2.3 Multiplication and Division involving negative numbers 2.4 Fractions 2.5 Decimals 2.6 Rational and Real Numbers	
Week 5	3.1 Rounding and Significant Figures 3.2 Approximation	
Week 6	3.3 Estimation 4.1 Basic algebraic concepts and notations	
Week 7	4.2 Addition and subtraction of linear terms **Revision for WA1**	
Week 8	4.3 Expansion and factorisation of linear expressions	**T1W8 - WA1**
Week 9 (HBL on Fri)	4.4 Linear expressions with fractional coefficients	
Week 10 (HBL on Fri)	5.1 Linear Equations	
March Holiday Assignment: SLS-Introduction to Statistics		
Term 2	**Chapter**	**Assessment**
Week 1	5.2 Linear equations with fractional coefficients and fractional equations	
Week 2 (31 Mar, Mon – Hari Raya Puasa)	5.3 Applications of Linear equations in real-world contexts	

Week 3	5.4 Mathematical formulae 7.1 Number sequences	
Week 4 (18 Apr, Fri – Good Friday)	7.2 Number sequences and patterns 8.1 Percentage	**T2W4 – WA2**
Week 5	8.2 Percentage change, percentage point and reverse percentage 8.3 Percentage in real-world contexts	
Week 6 (1 May, Thur - Labour Day) (HBL on Fri)	9.1 Ratio	
Week 7 (HBL on Fri)	9.2 Rate	
Week 8 (12 May Mon – Vesak Day)	**Student Learning Festival**	
Week 9	9.3 Speed	
Week 10	10.1 Basic geometrical concepts and notations	
June Holiday Assignment: 14.1-14.5		
Term 3	**Chapter**	**Assessment**
Week 1	10.2 Properties of angles formed by intersecting lines 10.3 Properties of angles formed by two parallel lines and a transversal	
Week 2 (7 Jul, Mon – Youth Day)	Project Presentation 14.6 Evaluation of Statistical representations	
Week 3	14.7 Statistical investigation 11.1 Triangles	
Week 4	11.2 Quadrilaterals **Revision for WA3**	
Week 5 HBL Tue to Thu	**HBL due to National Oral Examination** 11.4 Polygons	
Week 6 (8 Aug, Fri National Day celebration)	11.3 Geometrical constructions of triangles and quadrilaterals	**T3W6 – WA3**
Week 7 (11 Aug, Mon – National Day school holiday)	6.1 Cartesian Coordinates 6.2 Functions	
Week 8	6.3 Linear Functions 6.4 Applications of linear graphs in real-world contexts 12.1 Conversion of units	

Week 9	12.2 Perimeter and area of basic plane figures 12.3 Perimeter and area of parallelograms, 12.4 Perimeter and area of trapeziums	
Week 10 (4 Sep, Thu - Teachers' Day celeb) (5 Sep, Fri -Teachers' Day Holiday)	13.1 Conversion of units 13.2 Three-dimensional solids 13.3 Volume and Surface area of cubes and cuboids	
September Holiday Assignment: EOY Practice Paper		
Term 4	**Chapter**	**Assessment**
Week 1	13.4 Volume and Surface area of prisms 13.5 Volume and Surface area of cylinders	
Week 2	13.6 Volume and Surface area of composite solids **Revision**	
Week 3 – 4	**End of Year Examination**	
Week 5	**Script Checking and Review of Exam Papers**	
Week 6 (20 Oct, Mon – Deepavali)	**Post-Exam Programmes**	