YISHUN SECONDARY SCHOOL
MATHEMATICS
SECONDARY 1 G2 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)	Sec One Orientation / Back to school Programme	
Week 1	Interclass ArithmetEQ Challenge	
Week 2	1.1 Prime Numbers 1.2 Square Roots and Cube Roots	
Week 3	1.3 HCF and LCM	
Week 4 (28 Jan – CNY celebration,29 – 30 Jan, Wed, Thur - CNY)	2.1 Negative Numbers 2.2 Addition and Subtraction involving negative integers	
Week 5	2.3 Multiplication, Division and Combined Operations involving negative integers 2.4 Fractions and Mixed Numbers	
Week 6	2.5 Decimals 2.6 Rational, Irrational and Real Numbers	
Week 7	3.1 Rounding and Significant Figures 3.2 Approximation and approximation errors in real-world contexts.	
Week 8	3.3 Estimation and estimation errors in real-world contexts WA1 Revision	WA1
Week 9 (HBL on Fri)	4.1 Basic algebraic concepts and notations 4.2 Addition and subtraction of linear terms Go through WA1	
Week 10 (HBL on Fri)	4.3 Expansion of linear expressions	
	March Holiday Assignment	
Term 2	**Chapter**	**Assessment**
Week 1	5.1 Linear Equation 5.2 Applications of linear equations in real-world contexts	
Week 2 (31 Mar Mon – Hari Raya Puasa)	5.3 Mathematical Formulae 6.1 Number Sequence	
Week 3	6.2 Number Sequences and Patterns 7.1 Percentage Revision for WA2	
Week 4	7.2 Percentage change, percentage point and reverse percentage 7.3 Percentage in real-world context	WA2
Week 5	8.1 Ratio 8.2 Rate	

Week 6 (1 May, Thur - Labour Day) (HBL on Fri)	8.3 Speed 9.1 Basic geometrical concepts and notations	
Week 7 (HBL on Fri)	9.2 Properties of angles formed by intersecting lines 9.3 Properties of angles formed by two parallel lines and transversal	
Week 8 (12 May Mon – Vesak Day)	**Student Learning Festival**	
Week 9	9.4 Triangles	
Week 10	10.1 Conversion of units 10.2 Perimeter and area of basic plane figures	
<td colspan="3" align="center">**June Holiday Assignment**</td>		
Term 3	**Chapter**	**Assessment**
Week 1	10.3 Perimeter and Area of Parallelograms 10.4 Perimeter and Area of Trapeziums	
Week 2 (1Jul Mon – Youth Day)	11.1 Conversion of units 11.2 Three-dimensional solids	
Week 3	WA3 Revision 11.3 Volume and Surface area of cubes and cuboids	
Week 4	11.4 Volume and Surface area of prisms	
Week 5 HBL Tue to Thu	**HBL due to National Oral Examination** 11.5 Volume and Surface area of cylinders	
Week 6 (8 Aug, Fri National Day celebration)	11.6 Volume and Surface area of composite solids Go through WA3	WA3
Week 7 (11 Aug, Mon – National Day school holiday)	12.1 Frequency table	
Week 8	12.2 Pictogram 12.3 Bar graph	
Week 9 and 10 (4 Sep Thu - Teachers' Day celeb) (5 Sep Fri -Teachers' Day)	12.4 Pie chart 12.5 Line graph 12.6 Evaluation of statistical representations 12.7 Statistical investigation	
<td colspan="3" align="center">**September Holiday Assignment**</td>		
Term 4	**Chapter**	**Assessment**
Week 1	**Revision**	
Week 2	**Revision**	
Week 3 - 4	**End-of-Year Exam**	
Week 5	**Script Checking and Review of Exam Papers**	
Week 6 (20 Oct, Mon – Deepavali)	**Post-Exam Programmes**	