

**YISHUN SECONDARY SCHOOL  
MATHEMATICS  
SECONDARY 1 G2 2024**

<b>Mathematics Curriculum</b>		<b>Key Programmes</b>
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.		
<b>Term 1</b>	<b>Chapter</b>	<b>Assessment</b>
Week 1 (1 <sup>st</sup> Jan Mon-New Year day)	Sec One Orientation / Back to school Programme	
Week 2	1.1 Prime Numbers 1.2 Square Roots and Cube Roots	
Week 3	1.3 HCF and LCM	
Week 4	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 (12 <sup>th</sup> -13 <sup>th</sup> Feb Mon Tue – CNY)	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	
Week 9	4.1 Basic algebraic concepts and notations 4.2 Addition and subtraction of linear terms Go through WA1	T1W9 - WA1 (Chapter 1 to 3)
Week 10	4.3 Expansion of linear expressions 5.1 Linear Equations	
<b>March Holiday Assignment</b>		
<b>Term 2</b>	<b>Chapter</b>	<b>Assessment</b>
Week 1	5.2 Applications of linear equations in real-world contexts 5.3 Mathematical Formulae	
Week 2 (29 <sup>th</sup> Mar Fri – Good Fri)	6.1 Number Sequence 6.2 Number Sequences and Patterns WA2 Revision	
Week 3	7.1 Percentage Go through WA2	
Week 4 (10 <sup>th</sup> Apr Wed – Hari Raya Puasa)	7.2 Percentage change, percentage point and reverse percentage 7.3 Percentage in real-world context	T2W4 – WA2 (Chapter 1 to 5.2)
Week 5	YSS Students Learning Festival	
Week 6	8.1 Ratio 8.2 Rate	

Week 7 (1 <sup>st</sup> May Wed - Labour Day)	8.3 Speed 9.1 Basic geometrical concepts and notations	
Week 8	9.2 Properties of angles formed by intersecting lines 9.3 Properties of angles formed by two parallel lines and transversal	
Week 9	9.4 Triangles	
Week 10 (22 <sup>nd</sup> May Wed – Vesak Day)	10.1 Conversion of units 10.2 Perimeter and area of basic plane figures	
<b>June Holiday Assignment 12.1 - 12.7</b>		
<b>Term 3</b>	<b>Chapter</b>	<b>Assessment</b>
Week 1	10.3 Perimeter and Area of Parallelograms 10.4 Perimeter and Area of Trapeziums	
Week 2 (1 <sup>st</sup> Jul 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 (National Oral Exam: Tue – Thu) HBL 23-25 Jul	11.5 Volume and Surface area of cylinders	
Week 6	11.6 Volume and Surface area of composite solids Go through WA3	T3W5 – WA3 (Chapter 5 to 10)
Week 7 (9 <sup>th</sup> Aug Fri – National Day)	12.1 Frequency table	
Week 8	12.2 Pictogram 12.3 Bar graph	
Week 9 and 10 (29 <sup>th</sup> Aug Thu - Teachers' Day celeb) (30 <sup>th</sup> Aug Fri -Teachers' Day Celebration)	12.4 Pie chart 12.5 Line graph 12.6 Evaluation of statistical representations 12.7 Statistical investigation	SLS lesson on excel.
<b>September Holiday Assignment</b>		
<b>Term 4</b>	<b>Chapter</b>	<b>Assessment</b>
Week 1	<b>Revision</b>	
Week 2	<b>Revision</b>	
Week 3	<b>Revision</b> <b>End-of-Year Exam</b>	
Week 4 -5	<b>End-of-Year Examination</b>	
Week 6	<b>Script Checking and Review of Exam Papers</b>	
Week 7	<b>Post-Exam Programmes</b>	