

YISHUN SECONDARY SCHOOL
MATHEMATICS
SECONDARY 1 NORMAL ACADEMIC 2023

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 1 (New Year's Day – Mon)	Sec One Orientation Programme (Tues to Thurs)	
Week 1 and 2	1.1 Prime Numbers 1.2 Square Roots and Cube Roots	
Week 3 (HBL – Fri)	1.3 HCF and LCM	
Week 4 (CNY – Mon, Tues)	2.1 Negative Numbers 2.2 Addition and Subtraction involving negative integers	
Week 5 (HBL – Fri)	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 (HBL – Fri)	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 (HBL – Fri)	4.1 Basic algebraic concepts and notations 4.2 Addition and subtraction of linear terms Go through WA1	T1W9 - WA1 (Chapter 1 to 3.1)
Week 10	4.3 Expansion of linear expressions 5.1 Linear Equations	
March Holiday Assignment		
Term 2	Chapter	Assessment
Week 1	5.2 Applications of linear equations in real-world contexts 5.3 Mathematical Formulae	
Week 2 (HBL – Fri)	6.1 Number Sequence 6.2 Number Sequences and Patterns WA2 Revision	
Week 3 (Good Fri)	7.1 Percentage Go through WA2	T2W3 – WA2 (Chapter 1 to 5.2)
Week 4 (HBL – Fri)	7.2 Percentage change, percentage point and reverse percentage 7.3 Percentage in real-world context	
Week 5	8.1 Ratio 8.2 Rate	
Week 6 (Hari Raya Puasa School Holiday – Mon, HBL – Fri)	YSS Students Learning Festival	
Week 7	8.3 Speed 9.1 Basic geometrical concepts and notations	

Week 8 (Cross Cty – Friday) (HBL-Fri)	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	10.1 Conversion of units 10.2 Perimeter and area of basic plane figures	
June Holiday Assignment 12.1 - 12.7		
Term 3	Chapter	Assessment
Week 1 (Hari Raya Haji – Thur)	10.3 Perimeter and Area of Parallelograms 10.4 Perimeter and Area of Trapeziums	
Week 2 (Youth Day School Holiday – Mon)	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	T3W4 – WA3 (Chapter 5 to 10.3)
Week 5 (25 to 27 Jul – HBL)	11.5 Volume and Surface area of cylinders	
Week 6	11.6 Volume and Surface area of composite solids Go through WA3	
Week 7 (National Day Celebration – Tues, National Day – Wed, School Holiday – Thurs)	12.1 Frequency table	
Week 8	12.2 Pictogram 12.3 Bar graph	
Week 9 and 10 (Teachers' Day Celebration-Thurs, Teachers' Day-Fri)	12.4 Pie chart 12.5 Line graph 12.6 Evaluation of statistical representations 12.7 Statistical investigation	
September Holiday Assignment		
Term 4	Chapter	Assessment
Week 1	Revision	
Week 2	Revision	
Week 3	Revision End-of-Year Exam (25 & 26 Sep)	
Week 4 -5	End-of-Year Examination (2 to 9 Oct)	
Week 6	Script Checking and Review of Exam Papers	
Week 7	Post-Exam Programmes	