

YISHUN SECONDARY SCHOOL
MATHEMATICS
SECONDARY 1 NORMAL TECHNICAL 2023

Mathematics Curriculum		Key Programmes
In line with the requirements of the NT Mathematics Syllabus, teaching of NT Math at YSS focuses on 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 / Back to school Programme	
Week 2	1.1 Place Values 1.2 Large Number	
Week 3 (HBL – Fri)	1.3 Approximation 1.4 Negative numbers 1.5 Comparing Numbers using symbols	
Week 4 (CNY – Tue, Wed)	1.6 Prime Numbers	
Week 5 (HBL – Fri)	2.1 Four operations on Numbers 2.2 Four Operations on negative number	
Week 6	2.3 Four operations on fractions	
Week 7 (HBL – Fri)	3.1 Equivalent Ratios and Ratio in Simplest Form	
Week 8	Revision for WA1	
Week 9 (HBL – Fri)	3.2 Ratios involving Different Units of Measure	T1W9 – WA1 (Ch1 & 2)
Week 10	3.3 Ratio involving fractions and decimals 3.4 Connecting Ratio with fractions	
March Holiday Assignment		
Term 2	Chapter	Assessment
Week 1	3.5 Dividing a quantity in a given Ratio	
Week 2 (HBL – Fri)	Revision for WA2	
Week 3 (Good Fri)	4.1 Expressing a Percentage as a fraction or as a decimal and vice versa 4.2 Percentages greater than 100%	T2W3 – WA2 (Ch 2 – 3)
Week 4 (HBL – Fri)	4.3 Finding percentage as part of a whole 4.4 Expressing one quantity as a percentage of another	
Week 5	4.5 Comparing two quantities by percentage 4.6 Finding the whole given a percentage part	
Week 6 (Sch hols - Mon) (HBL – Fri)	4.7 Increasing and decreasing a quantity by a given percentage	T2W6 Learning Fest
Week 7 (Labour Day- Mon)	4.8 Finding percentage increase or decrease 4.9 Profit and loss	T2W7-Timed Practice (Ch 3 – 4.4)

Week 8 (HBL – Fri)	5.1 Understanding Algebraic expression 5.2 Evaluating Algebraic Expressions and formulas	
Week 9	5.3 Recognising Number sequences 6.1 Introduction to angles	
Week 10	6.2 Types of angles and their properties 6.3 Angles form by parallel lines and transversal	
June Assignment (Chapter 7)		

Term 3	Chapter	Assessment
Week 1 (Hari Raya Haji Thursday)	Consolidation for 7.1 Need for data, Collecting, classifying and organising data 7.2 Pictogram	
Week 2 (Youth Day School Holiday – Mon)	7.3 Bar graphs 7.3 Line graphs 7.3 Pie Chart	
Week 3	Revision for WA1	
Week 4	8.1 Line of symmetry 8.2 Rotational Symmetry	T3W4 – WA3 (Ch 4 – 6)
Week 5	9.1 Perimeter and area of Rectangles and squares 9.2 Perimeter and area of Parallelograms	
Week 6	9.3 Perimeter and area of Triangles 9.4 Perimeter and area of trapezium 9.5 Circumference and area of Circles	
Week 7 (National Day–Wed, School Holiday–Thu)	9.6 Conversions of units 9.7 Perimeter and area of composite plane figures	
Week 8	10.1 Surface Area of cubes and cuboids 10.2 Volume of cubes and cuboids	
Week 9	10.3 Square, square root, cube and cube root 10.4 Conversion between units of Volume	
Week 10 (Teachers' Day Celebration-Thurs, Teachers' Day-Fri)	10.5 Volume and surface area of composite solids	
September Holiday Assignment (Hard copy)		

Term 4	Chapter	Assessment
Week 1	Revision	
Week 2	Revision	
Week 3	Revision End-of-Year Exam (25 to 26 Sep)	
Week 4 -5	End-of-Year Examination (2 to 9 Oct)	
Week 6	Script Checking (12 to 17 Oct) and Review of Exam Papers	
Week 7	Post-Exam Programmes	