YISHUN SECONDARY SCHOOL
MATHEMATICS
SECONDARY 2 NORMAL TECHNICAL 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 – Monday)	**Back to School Activities**	
Week 2	1.1 Properties of Triangle 1.2 Constructing Triangles	
Week 3 (HBL – Friday)	1.3 Properties of Special Triangles 1.4 Perpendicular Bisectors of Line Segments and angle bisectors	
Week 4 (CNY – 23rd Mon and 24th Tue)	1.5 Constructing Quadrilaterals 2.1 Adding and subtracting linear algebraic expressions	
Week 5 (HBL – Friday)	2.2 Simplifying linear algebraic expressions involving brackets 2.3 Simplifying linear algebraic fractions	
Week 6	3.1 Solving linear equations in one variable	
Week 7 (HBL – Friday)	3.2 Solving linear equations involving brackets	WA1 Chapter 1 and 2
Week 8	3.3 Solving problems involving formulation of a linear equation in one variable	
Week 9 (HBL – Friday)	4.1 Introduction to Cartesian Coordinates 4.2 Graphs of linear functions	
Week 10	4.3 Gradient and y-intercept of a linear function	
March Holiday (Chapter 10)		
Term 2	**Chapter**	**Assessment**
Week 1	4.4 Graphs in practical situations	
Week 2 (HBL – Fri)	5.1 Direct proportion	
Week 3 (Good Friday)	5.2 Inverse proportion	
Week 4 (HBL – Fri)	6.1 Rate and average rate 6.2 Speed and average speed	
Week 5 (HBL 25-27 Jul)	6.3 Conversion of rates 7.1 Money exchange	
Week 6 Hari Raya Puasa Mon (HBL – Fri)	**(Student Learning Fest)**	
Week 7	7.2 Simple interest	

Labour Day (Monday)	7.3 Instalments	
Week 8 (HBL – Fri)	7.4 Taxation 7.5 Utilities bills	
Week 9	8.1 Congruent figures	WA2 (Ch 3 – 7)
Week 10	8.2 Similar figures	

Term 3	Chapter	Assessment
Week 1 Hari Raya Haji (29 June, Thursday)	9.1 Pythagoras' Theorem	Time Practice (Ch 7 - 8)
Week 2 Youth Day (3 July, Monday)	9.2 Determine whether a triangle is right-angled given the lengths of 3 sides	
Week 3	10.1 Dot diagrams	
Week 4	10.2 Histograms	
Week 5 (HBL: Tue – Thur)	10.3 Mode, mean and median **(HBL)**	
Week 6	11.1 Listing possible outcomes in a chance Situation 11.2 Probability as a measure of chance of an Event 11.3 Sure event and impossible event	WA3 (Ch 7 – 9)
Week 7 National Day (8th – 10th Aug) (Tue - Thurs)	11.4 Probability of an event not occurring 11.5 Probability from data	
Week 8	12.1 Prisms and cylinders 12.2 Surface area of prisms and cylinders	
Week 9	12.3 Volume of prisms and cylinders	
Week 10 (Teachers' Day Celebration – Thu, Teachers' Day – Fri)	12.4 Surface area and volume of composite solids	
	September Holiday Assignment (Past Year papers)	

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**	