YISHUN SECONDARY SCHOOL
MATHEMATICS
SECONDARY 2 G1 2024

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 Programme**	
Week 2	1.1 Properties of Triangle 1.2 Constructing Triangles	
Week 3	1.3 Properties of Special Triangles 1.4 Perpendicular Bisectors of Line Segments and angle bisectors	
Week 4	1.5 Constructing Quadrilaterals 2.1 Adding and subtracting linear algebraic expressions	
Week 5	2.2 Simplifying linear algebraic expressions involving brackets 2.3 Simplifying linear algebraic fractions	WA1 Chapter 1 to 2.1
Week 6	3.1 Solving linear equations in one variable	
Week 7 (12th-13th Feb Mon Tue – CNY)	3.2 Solving linear equations involving brackets	
Week 8	3.3 Solving problems involving formulation of a linear equation in one variable	
Week 9	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	Timed Practice chapter 2 to 4.3
Week 2 (29th Mar Fri – Good Fri)	5.1 Direct proportion	
Week 3	5.2 Inverse proportion	
Week 4 (10th Apr Wed – Hari Raya Puasa)	6.1 Rate and average rate 6.2 Speed and average speed	
Week 5	**Student Learning Fest**	
Week 6	6.3 Conversion of rates 7.1 Money exchange	
Week 7	7.2 Simple interest	

(1st May Wed - Labour Day)	7.3 Instalments	
Week 8	7.4 Taxation 7.5 Utilities bills	
Week 9	8.1 Congruent figures	WA2 (Ch 2 – 7)
Week 10 (22nd May Wed – Vesak Day)	8.2 Similar figures	

Term 3	Chapter	Assessment
Week 1	9.1 Pythagoras' Theorem	
Week 2 (1st Jul Mon – Youth Day)	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 (National Oral Exam: Tue – Thu) HBL 23-25 Jul	**HBL due to National Oral Examination** 10.3 Mode, mean and median	
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	
Week 7 (9th Aug Fri – National Day)	11.4 Probability of an event not occurring 11.5 Probability from data	WA3 (Ch 7 – 10)
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 (29th Aug Thu - Teachers' Day celeb) (30th Aug Fri -Teachers' Day Celebration)	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 3-5	**End-of-Year Examination**	
Week 6	**Script Checking and Review of Exam Papers**	
Week 7-10	**Post-Exam Programmes**	