

**YISHUN SECONDARY SCHOOL  
MATHEMATICS  
SECONDARY 2 G1 2025**

<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 0 (New Year's Day – Wednesday)	Back to school Programme (Thursday to Friday)	
Week 1	1.1 Properties of Triangle 1.2 Constructing Triangles	
Week 2	1.3 Properties of Special Triangles 1.4 Perpendicular Bisectors of Line Segments and angle bisectors	
Week 3	1.5 Constructing Quadrilaterals	
Week 4 (28 Jan – CNY celebration, 29 to 30 Jan, Chinese New Year)	2.1 Adding and subtracting linear algebraic expressions	
Week 5	2.2 Simplifying linear algebraic expressions involving brackets 2.3 Simplifying linear algebraic fractions	<b>WA1</b>
Week 6	3.1 Solving linear equations in one variable	
Week 7	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	
<b>March Holiday Assignment</b>		
<b>Term 2</b>	<b>Chapter</b>	<b>Assessment</b>
Week 1	4.4 Graphs in practical situations	
Week 2 (31 March Monday, Hari Raya Puasa)	5.1 Direct proportion	
Week 3	5.2 Inverse proportion	
Week 4 (18 April, Good Friday)	6.1 Rate and average rate 6.2 Speed and average speed	
Week 5	6.3 Conversion of rates 7.1 Money exchange Ch	
Week 6 - 1st May (Labour Day)	7.2 Simple interest 7.3 Instalments	
Week 7	7.4 Taxation 7.5 Utilities bills	
Week 8 (12 May Monday Vesak Day)	<b>Student Learning Festival</b>	
Week 9	8.1 Congruent figures	<b>WA2</b>
Week 10	8.2 Similar figures	
<b>June Holiday Assignment</b>		

<b>Term 3</b>	<b>Chapter</b>	<b>Assessment</b>
Week 1	9.1 Pythagoras' Theorem	
Week 2 (7 <sup>th</sup> Jul Mon Youth Day)	9.2 Determine whether a triangle is right-angled given the lengths of 3 sides 10.1 Dot diagrams	
Week 3 National Oral Exam (Tue - Thu) HBL 15 - 17 July	<b>HBL due to National Oral Examination</b> 10.2 Histograms	
Week 4	10.3 Mode, mean and median	
Week 5	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 6, Friday 8 Aug (National Day)	11.4 Probability of an event not occurring 11.5 Probability from data	
Week 7	12.1 Prisms and cylinders 12.2 Surface area of prisms and cylinders	
Week 8	12.3 Volume of prisms and cylinders	<b>WA3</b>
Week 9	12.4 Surface area and volume of composite solids	
Week 10 Thursday 4 Sept (Teachers' Day Celebration)	Consolidation of Chapter 12	
<b>September Holiday Assignment</b>		
<b>Term 4</b>	<b>Chapter</b>	<b>Assessment</b>
Week 1	<b>Revision for End-of-Year Exam</b>	
Week 2	<b>Revision for End-of-Year Exam</b>	
Week 3 - 4	<b>End-of-Year Examination</b>	
Week 5	<b>Script Checking and Review of Exam Papers</b>	
Week 6 (20 Oct Mon – Deepavali)	<b>Post-Exam Programmes</b>	