

**YISHUN SECONDARY SCHOOL  
MATHEMATICS  
SECONDARY 3 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 – Monday)	<b>Back to School Programme</b>	
Week 1	1.1 Index notation 1.2 Zero index and negative index	
Week 2	1.3 Standard form	
Week 3	1.4 Compound interest	
Week 4 (28 Jan – CNY celebration, 29-30 Jan Wed-Thu – CNY)	2.1 Using map scales to find actual distance and distance on map	
Week 5	2.2 Using map scales to find actual area and area on the map	
Week 6	3.1 Expansion of the product of two linear expressions	
Week 7	3.2 Multiplication of simple algebraic fractions	
<b>Week 8</b>	3.3 Division of simple algebraic fractions	<b>WA1</b>
Week 9 (HBL-Fri)	3.4 Finding the nth term of a number sequence	
Week 10 (HBL- Fri)	Consolidation of Chapter 1 - 3	
<b>March Holiday Pen and Paper Assignment(Past Year Paper)</b>		
<b>Term 2</b>	<b>Chapter</b>	<b>Assessment</b>
Week 1	4.1 Factorisation of linear algebraic expressions	
Week 2 (31 Mar Mon – Hari Raya Puasa)	4.2 Factorisation of quadratic expressions	
Week 3	4.3 Changing the subject of a simple formula	
Week 4 (18 Apr Fri – Good Fri)	Consolidation of Chapter 4	
Week 5	5.1 Sectors and Arcs	<b>WA2</b>
Week 6 (1 May, Thur - Labour Day) (HBL on Fri)	5.2 Arc lengths	

Week 7 (HBL on Fri)	5.3 Sector areas	
Week 8 (12 May Mon – Vesak Day)	Consolidation of Chapter 5 <b>Student Learning Fest (T2W8)</b>	
Week 9 (HBL-Fri)	6.3 Surface area and volume of spheres	
Week 10 (HBL- Fri)	6.2 Surface area and volume of cones	
<b>June Holiday Assignment</b>		
<b>Term 3</b>	<b>Chapter</b>	<b>Assessment</b>
Week 1	6.1 Surface area and volume of pyramids 6.4 Surface area and volume of composite solids	
Week 2 (7 Jul Mon – Youth Day)	Consolidation of Chapter 6	
Week 3 (National Oral Exam: Tue – Thu) HBL 15-17 Jul	<b>HBL due to National Oral Examination</b> 7.1 Range	
Week 4	7.2 Cumulative frequency table and diagrams	
Week 5	7.3 Percentile, Quartiles and interquartile Range Consolidation of Chapter 7	
Week 6 (8 Aug, Fri National Day celebration)	8.1 Graphs of Linear Equations in the form $ax+by=c$	
Week 7 (11 Aug, Mon – National Day school holiday)	9.1 Formulating a pair of simultaneous linear equation in 2 variables to solve problems	<b>WA3</b>
Week 8	9.2 Solve simultaneous linear equations by elimination method	
Week 9	9.3 Solve simultaneous linear equations by substitution method	
Week 10 4 Sept Thu - Teachers' Day celeb) (5 Sept Fri -Teachers' Day)	9.4 Solve simultaneous linear equations by graphical method  Consolidation of Chapter 8 and 9	
<b>September Holiday Assignment</b>		
<b>Term 4</b>	<b>Chapter</b>	<b>Assessment</b>
Week 1	<b>Revision</b>	
Week 2	<b>Revision</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>	