

**YISHUN SECONDARY SCHOOL
MATHEMATICS
SECONDARY 4 G1 2025**

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 0 (New Year's Day – Monday)	Back to School Programme	
Week 1	Chapter 1: Pythagoras Theorem,(Revision) - proof of Pythagoras theorem -application of Pythagoras theorem	
Week 2	Chapter 2: Trigonometry: -SOH CAH TOA Concept, - Inverse Function	
Week 3	Chapter 2:Trigonometry: Angle of Elevation and Depression	
Week 4 (28 Jan – CNY celebration, 29-30 Jan Tue Thur – CNY)	Revision for WA1	
Week 5	Chapter 3:Drawing Quadratic graph	WA1:
Week 6	Chapter 4:Solving Quadratic equation using graphical method	
Week 7	Chapter 4:Solving Quadratic equation using Quadratic formulae	
Week 8	Revision: Arithmetic (Lower Sec) -Numbers and operations - Ratio and proportions	
Week 9	Revision: Arithmetic (Lower Sec) - Percentages - rate speed	
Week 10	Revision: Chapter 1 to 4	

March Holiday Assignment (past year paper)		
Term 2	Chapter	Assessment
Week 1	Revision for WA2	
Week 2 (31 Mar Mon – Hari Raya Puasa)	Revision: Arithmetic (Lower Sec) and numbers	WA2
Week 3	Revision: -algebraic expression and formulae - functions and graphs -solutions of graphs	
Week 4 (18 Apr Fri – Good Fri)	Revision: Arithmetic (Lower Sec) -polygons, congruence and similarity -mensuration -data analysis and probability	
Week 5	Revision Past year paper 2022	
Week 6 (1 May Thur - Labour Day)	Revision Past year paper 2021	
Week 7	Revision Past year paper 2020	
Week 8 (12 May Mon – Vesak Day)	Student Learning Fest	
Week 9	Revision Past year paper 2019	
Week 10	Revision Past year paper 2018	
June Holiday Assignment (past year paper)		
Term 3	Chapter	Assessment
Week 1	Revision: Upper Sec topics	Practice Paper 5
Week 2 (7 Jul Mon – Youth Day)	Revision: Upper Sec topics	Practice Paper 6
Week 3 (National Oral Exam: Tue – Thu) HBL 15-17 Jul	HBL due to National Oral Exam Revision: Upper Sec Topics	
Week 4	Revision: Upper Sec Topics	Timed Practice
Week 5-7 (8 Aug Fri – National Day Celebration)	Prelim Exam (Sec 4NT)	Prelim All Sec 1 to 4 topics
Week 8-9	Review of Prelim Exam	
Week 10 (Teachers' Day Celebration-Thu Teachers' Day-Fri)	Revision past year paper	

September Holiday Assignment

Term 4	Chapter	Assessment
Week 1 - 2	GCE N Level Written Examination	
Week 3	Revision	
Week 4 - 5	GCE N Level Written Examination	