

YISHUN SECONDARY SCHOOL
MATHEMATICS
SECONDARY 4 Normal Technical 2026

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 - 1 (1 Jan, Thu-New Year day)	Sec One Orientation / Back to School Programme (2 Jan to 6 Jan)	
Week 1 - 2	Chapter 1: Pythagoras Theorem,(Revision) - proof of Pythagoras theorem -application of Pythagoras theorem	
Week 2	Chapter 2: Trigonometry: -SOH CAH TOA Concept, - Inverse Function	Revision: Algebraic expansion and factorisations; Number pattern
Week 3	Revision for WA1	Interleave quiz on Pythagoras theorem and trigonometry
Week 4	Chapter 2:Trigonometry: Angle of Elevation and Depression	WA1: Pythagoras theorem and trigonometry; Algebraic expansion and factorisations; Number pattern
Week 5	Chapter 3:Drawing Quadratic graph	Interleave quiz on Cumulative Frequency Table, Cumulative Frequency Graph, Interquartile range
Week 6	Chapter 4:Solving Quadratic equation using graphical method	
Week 7 (16 Feb, Mon – School Celebration, 17 Feb, Tue – 18 Feb, Wed CNY)	Chapter 4:Solving Quadratic equation using Quadratic formulae	
Week 8 (27 Feb, Fri – HBL Sec 3 Oral)	Revision: Arithmetic (Lower Sec) -Numbers and operations - Ratio and proportions	Interleave quiz on, Arc lengths, Sector & Segment areas, Volumes of Spheres & Hemispheres
Week 9 (6 Mar, Fri – HBL Sec 3 Oral)	Revision: Arithmetic (Lower Sec) - Percentages - rate speed	
Week 10	Revision: Chapter 1 to 4	Timed Practice paper(past year

		school paper)
March Holiday Assignment (past year paper)		
Term 2	Chapter	Assessment
Week 1 (23 Mar, Mon – Hari Raya Puasa School Hol)	Revision: Arithmetic (Lower Sec) and numbers	
Week 2 (3 Apr, Fri – Good Friday)	Revision: -algebraic expression and formulae - functions and graphs -solutions of graphs	Interleave Quiz on -Trigonometry -Quadratic Graph -Quadratic Formula -cumulative frequency -Algebra / percentage/ rate
Week 3	Revision: Arithmetic (Lower Sec) -polygons, congruence and similarity -mensuration -data analysis and probability	
Week 4 (HBL – Fri Sec 4 Oral)	Revision Past year paper 2025	
Week 5 (HBL – Fri Sec 4 Oral)	Revision Past year paper 2025 / 2024	
Week 6 (1 May Fri - Labour Day)	Revision for Timed Practice	
Week 7	Student Learning Fest	WA2 (6 May) (Time Practice 2025)
Week 8	Revision Past year paper 2024/ 2023	
Week 9 (22 nd May Fri– Cross Country)	Revision Past year paper 2023/ 2022	
Week 10 (27 May, Wed – Hari Raya Haji)	Revision Past year paper 2022/ 2021	
June Holiday Assignment (past year paper)		
Term 3	Chapter	Assessment
Week 1	Revision Past year paper 2021/ 2020	
Week 2 (6 Jul Mon – Youth Day)	Revision Past year paper 2020/ 2019	
Week 3 (National Oral Exam: Tue – Thu) HBL 14 - 16 Jul	HBL due to National Oral Examination (14 to 16 July) Revision: Upper Sec Topics	
Week 4	Mock paper YSS Prelim paper 2025 Paper 1	Timed practice + going through the paper
Week 5	Mock paper YSS Prelim paper 2024	
Week 6	Mock paper YSS Prelim paper 2023	

(7 Aug, Fri – National Day School Celebration)		
Week 7 (10 Aug, Mon – National Day School Holiday)	Mock paper YSS Prelim paper 2022	
Week 8	Prelim Exam (Sec 4NT)	Prelim All Sec 1 to 4 topics
Week 9	Review of Prelim Exam	
Week 10 (3 Sep Thu - Teachers' Day celeb) (4 Sep Fri - Teachers' Day Celebration)	Revision past year paper 2025	
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	