

**YISHUN SECONDARY SCHOOL**  
**ADDITIONAL MATHEMATICS**  
**SECONDARY 4 Normal Academic 2026**

<b>Mathematics Curriculum</b>		<b>Key Programmes</b>
In line with the requirements of the Additional 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	<b>Back to School Programme</b>	
Week 1	11.1 Derivatives and gradient functions (pp.2–6)	
Week 2	11.2 Five rules of differentiation (pp.6–16)	
Week 3	11.3 Higher derivatives (pp.16–18)  11.4 Increasing and decreasing functions (pp.19–22)	
Week 4	Review of Chapter 11	
Week 5	12.1 Equations of tangent and normal (pp.26–30)	
Week 6	12.2 Rates of change (pp.31–37)	
Week 7 (CNY 16 to 18 Feb)	12.3 Stationary points (pp.38–48)	
Week 8 (Fri - HBL)	12.4 Maximisation and minimisation problems (pp.49–56)	
Week 9 (Fri - HBL)	Revision for WA1	
Week 10	12.4 Maximisation and minimisation problems (pp.49–56)  Review of Chapter 12	WA1
<b>March Holiday</b>		
<b>Term 2</b>	<b>Chapter</b>	<b>Assessment</b>
Week 1 (23 Mar, Mon – Hari Raya Puasa School Hol)	14.1 Integration as reverse of differentiation (pp.91–94)	
Week 2 (Good Friday)	14.2 Two rules of integration (p.94)	
Week 3	14.3 Integration of power functions (pp.95–102)  Review of Chapter 14  15.1 Definite integrals (pp.119–127)	
Week 4 (Fri - HBL)	15.2 Further examples of definite integrals (pp.127–131)	
Week 5	15.3 Area under a curve	

(Fri - HBL)	(pp.132–143) Review on Chapter 15	
Week 6 (Labour Day)	Sec 3 Topics Revision Chapter 1 & 2	WA2
Week 7 (SLF)	<b>Student Learning Festival</b>	
Week 8	Sec 3 Topics Revision Chapter 3 & 4	
Week 9 (Cross Country)	Sec 3 Topics Revision Chapter 7	
Week 10 (27 May Wed - Hari Raya Haji)	<b>Mother Tongue Intensive</b> Sec 3 Topics Revision Chapter 9	
<b>June Holiday Assignment</b>		

Term 3	Chapter	Assessment
Week 1	Sec 3 Topics Revision Chapter 10 & 11	
Week 2 (6 Jul Mon – Youth Day)	Sec 4 Topics Revision Chapter 12 TYS 2022	Timed Practice (During Consultation)
Week 3 (HBL: Tue – Thu)	<b>HBL due to National Oral Exam</b> Prelim 2023	
Week 4	TYS 2021 Prelim 2022	
Week 5	Prelim Exam (Sec 4NA)	
Week 6 (7 Aug, Fri – National Day School Celebration)	Prelim Exam (Sec 4NA)	
Week 5-7 (10 Aug Mon – School Holiday)	Prelim Exam (Sec 4NA)	Prelim
Week 8 - 9	Review of Prelim Exam	
Week 9 and 10 (4 Sep Thu - Teachers' Day celeb) (5 Sep Fri -Teachers' Day Celebration)	<b>Revision: TYS 2024, Past year papers</b>	
<b>September Holiday</b>		
Term 4	Chapter	Assessment
Week 1 - 2	GCE N Level Written Examination	
Week 3	Revision	
Week 4 -5	GCE N Level Written Examination	