

**YISHUN SECONDARY SCHOOL
MATHEMATICS
SECONDARY 3 G1 2024**

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 1 (New Year's Day – Monday)	Back to School Programme	
Week 2	1.1 Index notation 1.2 Zero index and negative index	
Week 3	1.3 Standard form	
Week 4	1.4 Compound interest	
Week 5	2.1 Using map scales to find actual distance and distance on map	
Week 6	2.2 Using map scales to find actual area and area on the map	
Week 7 (12 th -13 th Feb Mon Tue – CNY)	3.1 Expansion of the product of two linear expressions	
Week 8	3.2 Multiplication of simple algebraic fractions 3.3 Division of simple algebraic fractions	WA1 (Chapter 1 – 2)
Week 9	3.4 Finding the nth term of a number sequence	
Week 10	Consolidation of Chapter 1 - 3	Time Practice (3M16 - Ch 1 - 3)
March Holiday Pen and Paper Assignment(Past Year Paper)		
Term 2	Chapter	Assessment
Week 1	4.1 Factorisation of linear algebraic expressions	
Week 2 (29 th Mar Fri – Good Fri)	4.2 Factorisation of quadratic expressions	
Week 3	4.3 Changing the subject of a simple formula	
Week 4 (10 th Apr Wed – Hari Raya Puasa)	Consolidation of Chapter 4 5.1 Sectors and Arcs	
Week 5	Student Learning Fest	WA2 (Chapter 2 – 4) 15 April Monday
Week 6	5.2 Arc lengths	
Week 7 (1 st May Wed - Labour Day)	5.3 Sector areas	

Week 8	Consolidation of Chapter 5	
Week 9	6.3 Surface area and volume of spheres	
Week 10 (22 nd May Wed – Vesak Day)	6.2 Surface area and volume of cones	
June Holiday Assignment		

Term 3	Chapter	Assessment
Week 1	6.1 Surface area and volume of pyramids 6.4 Surface area and volume of composite solids	
Week 2 (1 st Jul Mon – Youth Day)	Consolidation of Chapter 6	
Week 3	7.1 Range 7.2 Cumulative frequency table and diagrams	
Week 4	7.3 Percentile, Quartiles and interquartile range	
Week 5 (National Oral Exam: Tue – Thu) HBL 23-25 Jul	HBL due to National Oral Examination Consolidation of Chapter 7	
Week 6	8.1 Graphs of Linear Equations in the form $ax+by=c$	
Week 7 (9 th Aug Fri – National Day)	9.1 Formulating a pair of simultaneous linear equation in 2 variables to solve problems	WA3 (Chapter 5 – 7)
Week 8	9.2 Solve simultaneous linear equations by elimination method	
Week 9	9.3 Solve simultaneous linear equations by substitution method	
Week 10 (29 th Aug Thu - Teachers' Day celeb) (30 th Aug Fri -Teachers' Day Celebration)	9.4 Solve simultaneous linear equations by graphical method Consolidation of Chapter 8 and 9	
September Holiday Assignment		
Term 4	Chapter	Assessment
Week 1	Revision	
Week 2	Revision	
Week 3-5	End-of-Year Examination	
Week 6	Script Checking and Review of Exam Papers	
Week 7	Post-Exam Programmes	