

**YISHUN SECONDARY SCHOOL
ELEMENTARY MATHEMATICS
SECONDARY 4 NORMAL TECHNICAL 2020**

Mathematics Curriculum		Key Programmes
In line with the requirements of the NT Mathematics Syllabus, teaching of NT Math at YSS focuses on problem solving skills using Math Modelling, investigations and making connections among mathematical concepts.		
Term 1	Chapter	Assessment
Week 0	Target setting	
Week 1	Cumulative Frequency	
Week 2	Cumulative Frequency	Topical Quiz 1 (Solving of linear equation)
Week 3	Cumulative Frequency	
Week 4 (CNY-Mon, Tue)	Trigo - Recap Pythagoras Theorem	Topical Quiz 2 (Simplifying of fractions)
Week 5	Trigo - Finding lengths	
Week 6	Trigo - Finding angles	
Week 7	Trigo - Angles of elevation and depression	WA 1 Chapter 1 Cumulative Frequency Chapter 2 Trigonometry
Week 8	Trigo - More practice	
Week 9	Mensuration - Conversion of units, Circles and Sectors	
Week 10	Mensuration - Spheres	Topical Quiz 3 (Solving of quadratic equations)
March Holiday Assignment (Other sch paper)		
Term 2	Chapter	Assessment
Week 1	Mensuration - Cones	
Week 2	Mensuration - Pyramids	Topical Quiz 4 (Probability, Symmetry)
Week 3 (Good Fri-Fri)	Revision - Simultaneous Equation (Sec 2)	
Week 4	Revision - Map Scales (Sec 3)	WA 2 (Ch 2 Trigonometry, Ch 3 Mensuration)
Week 5	Revision - Sec 4 topics	Mock Paper 1
Week 6 (Labour Day-Fri)	Revision Advance Paper (Thurs, Fri)	
Week 7 – 9 (Vesak Day-Thurs)	Mid Year Examination and Script Checking	
Week 10	Values Week	
June Assignment (Other sch paper)		
Term 3	Chapter	Assessment
Week 1	Revision on Quadratic Equation	Mock Paper 2
Week 2 (Youth Day, Mon)	Revision on Solving of Quadratic Equation	Mock Paper 3
Week 3	Revision on Construction of Triangles and Bisectors	Mock Paper 4
Week 4	Revision on Coordinate Geometry and Graphs	WA 3 (Quadratic Equation, Construction,

		Cumulative Freq, Trigo, Mensuration)
Week 5 (Hari Raya Haji-Fri)	Revision on Quadratic Graphs	Mock Paper 5
Week 6	Revision on Trigonometry	
Week 7 (National Day -Mon)	Preliminary Examination	
Week 8	Preliminary Examination	
Week 9	Script Checking	
Week 10 (Teachers' Day Celebration-Thurs, Teachers' Day-Fri)	Focused Revision	
September Holiday ~ Consultation		
Term 4	Chapter	Assessment
Week 1	GCE N Level Written Examination	
Week 2-3	Focused Revision	
Week 4 -5	GCE N Level Written Examination	
Week 6 -10	GCE O Level Written Examination	