

**YISHUN SECONDARY SCHOOL  
ELEMENTARY MATHEMATICS  
SECONDARY 5 NORMAL ACADEMIC 2020**

<b>Mathematics Curriculum</b>		<b>Key Programmes</b>
<b>Term 1</b>	<b>Chapter</b>	<b>Assessment</b>
Week 0	Target setting and introduction	
Week 1	Linear inequalities, simultaneous inequalities	
Week 2	Set language and notation	
Week 3		
Week 4 (CNY-Mon, Tue)	Congruency and similarities, Area of the similar figures Volume of the similar solids	
Week 5		
Week 6		
Week 7	Matrix: Addition of matrices Multiplication of matrices Application of Matrices in Real life	WA1 Sec 4 topics: Set Language and Notation Sec 3 topics: Congruency and Similarity Area/Vol of similar figures Graphs in Practical Situations
Week 8		
Week 9	Probability of single event, combined events addition law of probability and mutually exclusive events and independent event.	
Week 10	Vectors Introduction	
<b>March Holiday Assignment</b>		
<b>Term 2</b>	<b>Chapter</b>	<b>Assessment</b>
Week 1	Vectors: Addition of two vectors, subtraction of two vectors, Scalar multiplication of vectors, Expression of a vector in terms of two other vectors. Vectors: Position vectors, application of vectors	
Week 2		
Week 3 (Good Fri-Fri)		
		WA2: Statistics (Standard Deviation) Probability Matrices Coordinate Geometry Linear Inequalities
Week 4-5	Revision: Coordinate geo	Mock Paper 2 (TBC)
Week 6 (Labour Day-Fri)	<b>Revision Advance Paper (Thurs, Fri)</b>	
Week 7 – 9 (Vesak Day-Thurs)	<b>Preliminary Examination and Script Checking</b>	
Week 10	<b>Values Week</b>	
<b>Term 3</b>		<b>Assessment</b>
Week 1	Revision: Circle properties	
Week 2 (Youth Day, Mon)	Revision: Trigonometry	
Week 3	Revision: Coordinate Geometry	
Week 4	Revision: Real life context question	

Week 5 (Hari Raya Haji-Fri)	Revision: Numbers and Algebra	
Week 6	Revision: Geometry and Mensuration	
Week 7 (National Day -Mon)	Revision: Angle properties of Circle, Sectors, arc length,Radian measure	WA3 -Paper 1/ Paper 2
Week 8	Revision: Other school papers	
Week 9	<b>Preliminary Examination</b>	
Week 10 (Teachers' Day Celebration-Thurs, Teachers' Day-Fri)	<b>Preliminary Examination</b>	
<b>September Holiday</b>		
<b>Term 4</b>	<b>Chapter</b>	<b>Assessment</b>
Week 1	<b>Preliminary Examination</b>	
Week 2	<b>Script Checking</b>	
Week 3 -5	<b>Focused Revision</b>	
Week 6 -10	<b>GCE O Level Written Examination</b>	