

YISHUN SECONDARY SCHOOL
MATHEMATICS
SECONDARY 2 NORMAL ACADEMIC 2020

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.		Kite Making
Term 1	Chapter	Assessment
Week 0	Target Setting	
Week 1	1.1 (Simplification of Linear Expression with Fractional Coefficient); 1.2 (Solving Linear Equation in One Variable)	
Week 2	1.3 (Simple Inequalities)	
Week 3	2.1 (Cartesian Coordinates); 2.2 (Functions)	
Week 4 (CNY-Mon, Tue)	2.3 (Graphs of Linear Function); 2.4 (Equation of a straight Line)	
Week 5	2.5 (Application of Linear Graphs in Real World Context)	
Week 6	3.1 (Direct Proportion); 3.2 (Algebraic and Graphical Representation of Direct Proportion)	
Week 7	3.3 (Other forms of Direct Proportion); 3.4 (Inverse Proportion)	WA 1 Chapter 1, 2 3.1 and 3.2
Week 8	3.5 (Algebraic and Graphical Representation on Inverse Proportion); 3.6 (Other Forms of Inverse Proportions)	
Week 9	4.2 & 4.3 (Solving Linear Equation by Elimination and Substitution Method)	
Week 10	4.1 (Solving Linear Equation by Graphical Method); Application of Simultaneous Equation	
March Holiday Assignment		
Term 2	Chapter	Assessment
Week 1	8.1 (Quadrilaterals); 8.2 (Polygons), 13.1 (Intro to Probability)	
Week 2	13.2, 13.3 (Sample Space, Probability of Single Events and further examples)	Kite Making
Week 3 (Good Fri-Fri)	5.1; 5.2,6.1 (Quadratic Expressions, Expansion and Simplification of Quadratic Expressions)	
Week 4	5.3, 5.4 (Factorisation of quadratic and algebraic expression)	
Week 5	6.3 6.4 (Expansion and factorisation using special identity)	
Week 6 (Labour Day-Fri)	7.1, 7.2 (Simple Algebraic Fractions)	
Week 7 (Vesak Day-Thurs)	7.2 (Multiplication and division of algebraic fractions)	WA 2 (Ch 3.3-3.6, 4, 5, 6, 8 and 13)
Week 8	9.1, 9.2 (Perpendicular and angle bisectors)	

Week 9	9.3, 9.4 (Construction of triangles and quadrilaterals)	
Week 10 (Hari Raya Puasa-Mon)	Revision of Sec 1 topics, Assigning of statistical project)	

June Assignment (Statistic Poster)

Term 3	Chapter	Assessment
Week 1	10.1, 10.2 (Congruent and similar figures)	
Week 2 (Youth Day, Mon)	10.3 (Map Scales)	
Week 3	11.1, 11.2 (Pythagoras Theorem and its application)	
Week 4	11.3 (Determination of right angles triangles)	
Week 5 (Hari Raya Haji-Fri)	12.3 (Volume of spheres)	
Week 6	12.2 (Volumes of Pyramids)	
Week 7 (National Day -Mon)	12.4 (Volumes of cones)	WA 3 (Ch 9, 10, 11, 12, 14 and 15)
Week 8	14 (Statistical Diagrams)	
Week 9	15 (Averages of Statistical Data)	
Week 10 (Teachers' Day Celebration-Thurs, Teachers' Day-Fri)	Revision of Sec 1 topics	

September Holiday Assignment

Term 4	Chapter	Assessment
Week 1		Revision
Week 2		Revision Advance Paper (Thurs)
Week 3 -5		End of Year Examination and Script Checking
Week 6		Values Week