YISHUN SECONDARY SCHOOL
MATHEMATICS
SECONDARY 2 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		
Week 1	1.1 Triangles 1.2 Constructing Triangles 1.3 Bisectors	
Week 2	1.4 Quadrilaterals 1.5 Constructing Quadrilaterals	Alternative Assessment - Students are asked to create a composite figure that depicts a cartoon character.
Week 3	2.1 Congruent Figures 2.2 More on Congruent Figures	
Week 4 (CNY-Mon, Tue)	2.3 Similar Figures	
Week 5	2.3 Similar Figures	
Week 6	3.1 Algebraic Terms 3.2 Algebraic Expressions 3.3 Addition of Linear Algebraic Expression	
Week 7	3.4 Subtraction of Linear Algebraic Expression	**WA 1 (Chapter 1,2,3.1 to 3.4)**
Week 8	3.4 Subtraction of Linear Algebraic Expression 3.5 Simplification of Linear Algebraic Expressions	
Week 9	3.5 Simplification of Linear Algebraic Expressions	
Week 10	4.1 Introduction to Algebraic Equations 4.2 Solving Linear Equations	
March Holiday Assignment (SLS Lesson)		
Term 2	**Chapter**	**Assessment**
Week 1	4.3 Word Problems Involving Linear Equations. Consolidation of Algebra Topics.	
Week 2	5.1 Rate 5.2 Speed	
Week 3 (Good Fri-Fri)	5.3 Simple and Compound Interests.	

Week 4	5.4 Conversions of Rates.	
Week 5	5.5 Proportions.	
Week 6 (Labour Day-Fri)	Revision	
Week 7 (Vesak Day-Thurs)	Revision	
Week 8	Revision	WA 2
Week 9	7.1 Pythagoras Theorem	
Week 10 (Hari Raya Puasa-Mon)	7.1 Pythagoras Theorem	

<p align="center"><b style="color:#5b9bd5">June Assignment</p>

Term 3	Chapter	Assessment
Week 1	6.1 Rectangular Coordinates. 6.2 Scale of Graphs	
Week 2 (Youth Day, Mon)	6.3 Functions and Straight Line Graphs	
Week 3	6.3 Functions and Straight Line Graphs	
Week 4	8.1 Cylinders, Prisms and Their Different Views. 8.2 Nets of Cylinder.	
Week 5 (Hari Raya Haji-Fri)	8.2 Nets and Surface Area of Cylinder. 8.4 Volume of Cylinder	
Week 6	8.3 Nets and Surface Area of Prism. 8.5 Volume of Prism	
Week 7 (National Day -Mon)	Consolidation of Chapter 8	WA 3
Week 8	9.1 Dot Diagrams and Histograms. 9.2 Mean 9.3 Mode 9.4 Median	
Week 9	Revision of mean, median and mode. 10. Probability	
Week 10 (Teachers' Day Celebration-Thurs, Teachers' Day-Fri)	10. Probability	

<p align="center"><b style="color:#5b9bd5">September Holiday Assignment (Ace learning)</p>

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**