YISHUN SECONDARY SCHOOL
MATHEMATICS
SECONDARY 1 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)	Sec One Orientation / Back to school Programme	
Week 2	1.1 Place Values 1.2 Large Number	
Week 3	1.3 Approximation 1.4 Negative numbers 1.5 Comparing Numbers using symbols	
Week 4	1.6 Prime Numbers 2.1 Four operations on Numbers	
Week 5	2.2 Four Operations on negative number 2.3 Four operations on fractions	
Week 6	3.1 Equivalent Ratios and Ratio in Simplest Form 3.2 Ratios involving Different Units of Measure	Time Practice (Ch 1-2)
Week 7 (12th-13th Feb Mon Tue – CNY)	3.3 Ratio involving fractions and decimals	
Week 8	3.4 Connecting Ratio with fractions *WA 1 Revision*	
Week 9	3.5 Dividing a quantity in a given Ratio	**WA 1 (Ch 1 to 3.3)**
Week 10	4.1 Expressing a Percentage as a fraction or as a decimal and vice versa 4.2 Percentages greater than 100%	
March Holiday (Revision Paper Ch 1 to 3)		
Term 2	**Chapter**	**Assessment**
Week 1	4.3 Finding percentage as part of a whole 4.4 Expressing one quantity as a percentage of another	
Week 2 (29th Mar Fri – Good Fri)	4.5 Comparing two quantities by percentage 4.6 Finding the whole given a percentage part	
Week 3	*WA 2 Revision*	
Week 4 (10th Apr Wed – Hari Raya Puasa)	4.7 Increasing and decreasing a quantity by a given percentage. 4.8 Finding percentage increase and decrease	**WA 2 (Ch 2.2 to Ch 4.6)**
Week 5	Student Learning Fest	

Week 6	4.9 Profit and Loss 5.1 Understanding Algebraic expression	
Week 7 (1st May Wed - Labour Day)	5.2 Evaluating Algebraic Expressions and formulas 5.3 Recognising Number sequences	
Week 8	6.1 Introduction to angles 6.2 Types of angles and their properties	Time Practice (Ch 4 to 6.1)
Week 9	6.3 Angles form by parallel lines and Transversal 7.1 Need for data.	
Week 10 (22nd May Wed – Vesak Day)	7.2 Collecting, classifying and organising data 7.3 Statistical Diagrams (*SLS lesson on Excel tutorial to create pie chart, bar graph and line graph)	

June Holiday Assignment (Revision Paper Ch 4 - 7)

Term 3	Chapter	Assessment
Week 1	8.1 Line of symmetry 8.2 Rotational Symmetry	
Week 2 (1st Jul Mon – Youth Day)	9.1 Perimeter and area of Rectangles and squares 9.2 Perimeter and area of Parallelograms	
Week 3	9.3 Perimeter and area of Triangles 9.4 Perimeter and area of trapezium	
Week 4	9.5 Circumference and area of Circles *WA3 revision.*	
Week 5 (National Oral Exam: Tue – Thu) HBL 23-25 Jul	**HBL due to National Oral Examination** **(***SLS on Symmetry and Mensuration.***)**	
Week 6	*WA3 Revision.* Go through WA3. 9.6 Conversions of units	**WA 3** **(Ch 6 to 9.5)**
Week 7 (9th Aug Fri – National Day)	9.7 Perimeter and area of composite plane Figures 10.1 Surface Area of cubes and cuboids	
Week 8	10.2 Volume of cubes and cuboids 10.3 Square, square root, cube and cube root	
Week 9	10.4 Conversion between units of Volume 10.5 Volume and surface area of composite solids	
Week 10 (29th Aug Thu - Teachers' Day celeb) (30th Aug Fri -Teachers' Day Celebration)	**Revision of Ch 1 to 5**	

September Holiday Assignment (Past Year Papers P1 & 2 2023)

Term 4	Chapter	Assessment
Week 1	**Revision of Ch 5 to 10**	
Week 2	**Revision of Past Year papers 2022 and 2023**	
Week 3-5	**End-of-Year Examination**	
Week 6	**Script Checking and Review of Exam Papers**	
Week 7	**Post-Exam Programmes**	