YISHUN SECONDARY SCHOOL

MATHEMATICS

SECONDARY 4 G2 2025

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 0 (1 Jan Wed-New Year day)	Back-to-school programme	
Week 1	1.1 Trigo ratios (recap) 1.2 Angles of elevation and depression	
Week 2	1.3 Bearings 1.4 Three-Dimensional Problems	
Week 3	2.1 Length of Arc 2.2 Area of Sector 2.3 Radian Measure	
Week 4 (28 Jan – CNY celebration, 29-30 Feb Wed Thu – CNY)	WA1 Revision	
Week 5	2.4 Arc Length and Sector Area using Radian Measure	**WA1 (Week 5)**
Week 6	3.1 Probability of Single Event 3.2 Simple Combined Events, Possibility Diagrams and Tree Diagrams	
Week 7	3.3 Addition Law of Probability and Mutually Exclusive Events	
Week 8	3.4 Multiplication Law of Probability and Independent Events	
Week 9	4.1 Cumulative Frequency Table & Curve	
Week 10	4.2 Median, Quartiles, Percentiles, Range & Interquartile Range	
March Holiday Assignment (Topical TYS: Lower Sec Topics, Chap 2, 3)		
Term 2	**Chapter**	**Assessment**
Week 1	Revision for WA2	
Week 2 (31 Mar Mon– Hari Raya Puasa)	4.3 Box & Whisker Plots	**WA2 (Week 2)**
Week 3	5.1 Mean (Recap)	

Week 4 (18 Apr Fri – Good Fri)	5.2 Standard Deviation	
Week 5	6.1 Symmetric Properties of Circles	
Week 6 (1 May Thu - Labour Day) (HBL - Fri)	6.2 Angle Properties of Circles	
Week 7 (HBL - Fri)	**Revision: Numbers and Algebra** (Textbook) 7.1 Numbers and Percentages 7.3 Algebraic manipulation and formulae	
Week 8 (12 May Mon – Vesak Day)	**Student Learning Fest**	
Week 9	**Revision: Numbers and Algebra** (Textbook) 7.4 Equations and inequalities 7.5 Functions and graphs	
Week 10 (22 May Wed – Vesak Day)	**Revision: Geometry and Measurement** 8.1 Angles, triangles and polygons 8.3 Pythagoras' Theorem and Trigonometry	
June Holiday Assignment (Yearly TYS 2019)		
Term 3	**Chapter**	**Assessment**
Week 1	**Revision: Geometry and Measurement** 8.4 Mensuration 8.5 Coordinate Geometry	
Week 2 (7 Jul Mon – Youth Day)	**Revision: Probability and Statistics** 9.1 Probability 9.2 Statistics	
Week 3 (National Oral Exam: Tue – Thu) HBL 15-17 Jul	**HBL due to National Oral Examination Revision** 7.2 Proportion, ratio, rate, and speed (TB) 7.6 Graphs in Practical Situations (TB)	
Week 4-5	**Revision: TYS, Past year papers**	Timed Practice (Week 5)
Week 5-7 (9 Aug Sat – National Day) Week 7 (11 Aug Mon – School Holiday)	**Prelim Exam (Sec 4NT, 4NA)** **30 Jul to 7 Aug, 12-13 Aug**	<mark>**Prelim** **All Sec 1 to 4 topics**</mark>
Week 8-9	**Review of Prelim Exam**	
Week 9 and 10 (4 Sept Thu - Teachers' Day celeb) (5 Sept Fri -Teachers' Day Celebration)	**Revision for GCE N level** 8.2 Congruence and Similarity (TB) 8.6 Properties of circles (TB) Other schools' paper	
September Holiday Assignment (other school's paper)		
Term 4	**Chapter**	**Assessment**
Week 1-2	**GCE N Level Written Examination**	
Week 3	**Revision (Yearly TYS)**	
Week 4-5	**GCE N Level Written Examination**	