YISHUN SECONDARY SCHOOL MATHEMATICS SECONDARY 4 EXPRESS 2024

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 (1- Jan Mon-New Year day) 1.1 Introduction to Set Notations 1.2 Venn Diagrams, Universal Set and Complement of a Set 1.3 Intersection of and union of two Sets 1.4 Applications of sets in real-world contexts Revision for WA1 and Sec 3 (Chp 8 & 11 Arc Length, Sector Area and Properties of Circles) Week 3 Revision for WA1 and Sec 3 (Chp 8 & 11 Arc Length, Sector Area and Properties of Circles) Week 4 2.1 Probability of Single Events 2.2 Simple Combined Events, Possibility Diagrams and Tree Diagrams 2.3 Addition Law of Probability and Mutually Exclusive Events 2.4 Multiplication Law of Probability and Independent Events 3.1 Cumulative Frequency and Curve 3.2 Median, Quartiles, Percentiles, Range and Interquartile Range Week 7 (12**-13** Feb Mon Tue – CNY) Week 8 3.4 Standard Deviation Week 9 4.1 Matrix Multiplication 4.2 Addition and Subtraction of Matrices March Holiday Assignment (Revision for WA2 topics) Term 2 Chapter Week 1 Revision for WA2 Week 2 (29** Mar Fri – Good Fri) Week 3 5.4 - 5.6 Scalar Multiples of a Vector, Expressing a Vector in terms of Two Vectors and Position Vectors Good Fri) Week 4 (10** App Wed – Harr Raya Puasa)	Mathematics Curriculum		Key Programmes		
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Week 5	Student Learning Festival			
Week 6	7.4 Mensuration 7.5 Coordinate Geometry			
Week 7	7.7 Properties of Circles			
(1 st May Wed -	7.3 Pythagoras' Theorem and Trigonometry			
Labour Day)	The contract of the contract o			
	6.1 Numbers and Percentages			
Week 8	6.2 Proportion, Ratio, Rate and Speed			
	7.1 Angles, Triangles and Polygons			
Week 9	6.3 Algebraic Manipulation and Formulae			
	6.4 Equations and inequalities			
Week 10	Internalism Mathem Tamerra accelera	2019 O level Papers		
(22 nd May Wed –	Intensive Mother Tongue session	·		
Vesak Day)				
-	June Holiday Assignment (2018 P1 & P2)	•		
Term 3	Chapter	Assessment		
Week 1	6.6 Graphs in Practical Situation			
	Problems in Real world context			
Week 2	6.5 Functions and Graphs			
(1st Jul Mon –	6.7 Sets			
Youth Day)	Problems in Real world context			
Week 3	6.8 Matrices			
	7.6 Vectors			
	Problems in Real world context			
Week 4	8.1 Probability	Timed Practice		
	8.2 Statistics	YSS 2023 P2		
	Problems in Real world context			
Week 5	YSS 2022 papers			
(National Oral				
Exam: Tue – Thu)				
HBL 23-25 Jul				
Week 6	YSS 2023 paper 1			
Week 7	2021 O level papers			
(9 th Aug Fri –				
National Day)				
Week 8	Preliminary Examination (17 to 30 Aug)	Prelim All Sec 1 to 4 topics		
Week 9 and 10	Preliminary Examination	All Oec 1 to 4 topics		
(29 th Aug Thu -	- Tommary Examination			
Teachers' Day				
celeb)				
(30 th Aug Fri				
-Teachers' Day				
Celebration)		<u> </u>		
September Holiday Assignment (2022 O level papers)				
Term 4	Chapter			
Week 1	Sec 4E5N Script Check and Review of Exam so	Sec 4E5N Script Check and Review of Exam scripts		
Week 2	Intensive Revision (2023 O level papers)			
Week 3	Intensive Revision (Specimen paper P1)			
Week 4	Intensive Revision (Specimen paper P2)			
Week 5	Study leave	Study leave		
Week 6 -10	GCE O Level Written Examination			