Yio Chu Kang Secondary School
2024 End OF Year Examination

Sec 3NA	**Subject: English**		
	Topic tested in EOY Exam	**Format of Paper**	**Marks (Weightings)**
	Paper 1: Writing	**Paper 1 (1 h 50 min)**	**Total: 70 marks (35%)**
	Editing	Section A	10 marks
	Situational Writing	Section B	30 marks
	Continuous Writing	Section C (Choose 1 out of 4)	30 marks
	Paper 2: Comprehension	**Paper 2 (1 h 50 min)**	**Total: 50 marks (35%)**
	Texts 1 and 2: Visual Text	Section A	5 marks
	Text 3: Narrative Text	Section B	20 marks
	Text 4: Non-narrative Text	Section C	25 marks
	Paper 3: Listening	**Paper 3 (approximately 45 min)**	**30 marks (10%)**
	Paper 4: Oral Communication	**Paper 4 (approximately 10 min)**	**Total: 30 marks (20%)**
	Planned Response	Part 1	15 marks
	Spoken Interaction	Part 2	15 marks

Sec 3NA	**Subject: E Mathematics (NA)**		
	Topic tested in End OF YearExam	**Format of Paper**	**Marks (Weightings)**
	Chapter 1: Algebraic Manipulation	Paper 1 (2 h)	**70 marks (50%)**
	Chapter 2: Quadratic Equations	There are about 23 short answer questions.	
	Chapter 3: Graphs of Quadratic Functions	Answer all questions.	
	Chapter 4: Indices		**70 marks (50%)**
	Chapter 5: Congruency & Similarity	Paper 2 (2 h)	
	Chapter 6: Coordinate Geometry	Section A:	
	Chapter 7 Functions and Graphs	There are 9 – 10 questions of varying marks and lengths.	
	Chapter 8: Trigonometric Ratios	The last question in this section will focus on applying	
		Mathematics to a real-world scenario.	
	Lower Secondary Topics :	Answer all questions.	
	Topic 1: Number Operations	Section B:	
	Topic 2: Ratio, Percentage	2 questions but required to answer only one.	
	Topic 3: Proportion	• The questions in this section will be based on the	
	Topic 4: Speed	underlined content and there will be one question from	
	Topic 5: Angle Properties of Lines	the 'Geometry and Measurement' strand and one from	
	Topic 6: Chart and Intepretation	the 'Statistics and Probability' strand.	
		• Each question carries the same, either 7 or 8 marks.	

Sec 3NA	**Subject: E Mathematics(Exp)**		
	Topic tested in End OF YearExam	**Format of Paper**	**Marks (Weightings)**
	Secondary Three Topics:	**Paper 1 (2 h 15 min)**	**Total: 90 marks (50%)**
	Chapter 1 Quadratic and Fractional Equations	There will be about 25 short answer questions.	
	Chapter 2 Simultaneous Linear Inequalities		
	Chapter 3 Indices and Standard Form	**Paper 2 (2 h 15 min)**	**Total: 90 marks (50%)**
	Chapter 4 Coordinate Geometry	There will be 10 to 11 questions of varying marks and lengths. The	
	Chapter 6 Further Trigonometry	last question in this paper will focus specifically on applying	
	Chapter 7 Applications of Trigonometry	mathematics to a real-world scenario.	
	Chapter 8 Arc Lengths, Sector Areas and Radian Measures		
	Chapter 9 Congruence and Similarity Tests		
	Chapter 10 Area and Volume of Similar Figures and Solids		
	Lower Secondary Topics (TYS):		
	Topic 1 Numbers and their Operations		
	Topic 2 Ratio and Proportion		
	Topic 3 Percentage		
	Topic 4 Rate and Speed		
	Topic 5 Algebraic Expressions and Formulae		
	Topic 11 Angles and Triangles (excluding Polygons)		
	Topic 15 Mensuration		

Sec 3NA	**Subject: Science (Chemistry)**		
	Topic tested in End OF YearExam	**Format of Paper**	**Marks (Weightings)**
	Chap 1. Experimental Chemistry	**Total Duration: 1 h 15 min**	**Total: 50 marks**
	Chap 2. Kinetic Particle Theory	**Paper 3**	**Paper 3**
	Chap 3. Atomic Structure	20 MCQ	20 marks
	Chap 4. Chemical Bonding		
	Chap 5. Structure and Properties of Materials	**Paper 4**	**Paper 4**
	Chap 6. Chemical Formulae and Equations	Section A : Structured Qns	Section A: 22 marks
	Chap 7. Mole Concept and Stoichiometry	Section B : Choose 1 out of 2 questions	Section B: 8 marks
	Chap 8. Acids and Bases		

Sec 3NA	**Subject: Science (Physics)**		
	Topic tested in EOY Exam	**Format of Paper**	**Marks (Weightings)**
	Textbook Ch 1. Physical Quatities, Units and Measurements Ch 2. Kinematics Ch 3. Force and Pressure Ch 4. Dynamics Ch 6. Energy Ch 7. Kinetic Particle Model of Matter	**Total duration: 1h 15min** **Paper 1** 20 MCQ **Paper 2** Section A: Structured questions Section B: Choose 1 out of 2 questions	**Total: 50 marks** **Paper 1** 20 marks **Paper 2** Section A: 22 marks Section B: 8 marks

Sec 3NA	**Subject: Science (Biology)**		
	Topic tested in EOY Exam	**Format of Paper**	**Marks (Weightings)**
	Chap 1. Cell Structure and its Function Chap 2. Movement of Substances Chap 3. Biological Molecules Chap 4. Enzymes Chap 5. Nutrition in Humans Chap 6. Transport in Humans	**Total duration: 1h 15min** **Paper 5** 20 MCQ **Paper 6** Section A: Structured questions Section B: Choose 1 out of 2 questions	**Total: 50 marks** **Paper 5** 20 marks **Paper 6** Section A: 22 marks Section B: 8 marks

Sec 3NA	**Subject: Design and Technology**		
	Topic tested in EOY Exam	**Format of Paper**	**Marks (Weightings)**
	Section 1: Design Section 2: Technology Mechanisms Electronics	**Paper 1 (1 h 30 min)** Question 1 requires knowledge application of Section 1 Design. Question 2 to 3 require knowledge application of Section 2 Technology - specifically mechanisms and electronics.	**Total: 60 marks (40%)** Question 1: 24 marks Question 2 and 3: 36 marks
	Not Applicable.	**Paper 2 (Coursework in Semester 2)** Design Project	**Total: 100 marks (60%)**

Sec 3NA	**Subject: Nutrition and Food Science**		
	Topic tested in EOY Exam	**Format of Paper**	**Marks (Weightings)**
	Chapter 1: Proteins Chapter 2: Carbohydrates Chapter 3: Fats Chapter 7: Diet and Health Problems Chapter 8: Diet and Meal Planning Chapter 9: Meal Analysis Chapter 13: Reactions in Food Chapter 14: Sensory Evaluation	**Paper 1 (1 h 30 min)** Section A: multiple choice questions Section B: short-answer-type questions and data-response-type questions Section C: open-ended questions	**Total: 80 marks (40%)** Section A: 16 marks Section B: 40 marks Section C: 24 marks
	Not Applicable	**Paper 2 (Coursework in Semester 2)**	**Total: 100 marks (60%)**

Sec 3NA	Subject: Geography		
	Topic tested in EOY Exam	Format of Paper	Marks (Weightings)
	Cluster 1: Geography in Everyday Life Cluster 3: Tectonics (Topic 1 and 2 only)	**Duration: 1 hr 20 min** Section A: Cluster 1 Section B: Cluster 3	**Total: 40 marks (50%)** Section A: 25 marks Section B: 15 marks
Sec 3NA	Subject: History		
	Topic tested in EOY Exam	Format of Paper	Marks (Weightings)
	Chapter 1 The Paris Peace Conference and the League of Nations in the 1920s Chapter 2 Case Study of Nazi Germany Chapter 4 The Outbreak of World War II in Europe	**Duration: 1h 25 min** Section A: Source-based Case Study (compulsory) Section B: Structured Essay Questions 　　　　Choose 1 out of 2 questions	**Total: 37 marks (50%)** Section A: 27 marks Section B: 10 marks
Sec 3NA	Subject: Social Studies		
	Topic tested in EOY Exam	Format of Paper	Marks (Weightings)
	Chapter 1: What does citizenship mean to me? Chapter 2: What are the functions and roles of government in working for the good of society? Chapter 3: How do we decide what is good for society? Chapter 4: How can we work together for the good of society? Chapter 5: What are the factors that shape the identities of people and contribute to a diverse society? Skills tested: Simple inference, inference with purpose, comparison, reliability and SRQ	**Duration: 1 h 30 min** Section A Source-based Question (4 sub-questions) Section B Structured Reponse Question (2 sub-questions) Format: E-exam	**Total: 40 marks (50%)** Section A: 25 marks Section B: 15 marks

Sec 3NA	**Subject: MTL**		
	Topic tested in EOY Exam	**Format of Paper**	**Marks (Weightings)**
Chinese/ Tamil	**Paper 1 - Writing**	**Paper 1 (2 h)**	**Total: 60 marks (30%)**
	Email (Informal/Formal),	Section A (Choose 1 question)	20 marks
	Descriptive, Narrative, Expository, Story writing	Section B (choose 1 question)	40 marks
Malay	Response Writing / Formal Email Writing	Section A (choose 1 question)	20 marks
	Narrative Writing, Descriptive Writing, Expository Writing	Section B (choose 1 question)	40 marks
Chinese	**Paper 2 - Language & Comprehension**	**Paper 2 (1 h 30 min)**	**Total: 60 marks (30%)**
	Grammar / Cloze Passage	Section A - FIB / MCQ	22 marks
	Objective Comprehension	Section B - MCQ	12 marks
	Subjective Comprehension	Section C - OE	26 marks
Malay/ Tamil	**Paper 2 - Language & Comprehension**	**Paper 2 (1 h 30 min)**	**Total: 60 marks (30%)**
	ML/TL: Grammar / Cloze Passage TL: Editing	Section A - FIB	20 marks
	Comprehension - Graphic Stimulus	Section B - MCQ	10 marks
	Subjective Comprehension	Section C - OE	30 marks
Chinese/ Malay/ Tamil	**Paper 3- Oral**	**Paper 3- Oral (Approximately 20min)**	**Total: 60 marks (30%)**
	Reading	Reading	20 marks
	Conversation based on video stimulus	Conversation based on video stimulus	40 marks
Chinese/ Malay/ Tamil	**Paper 3 - Listening Comprehension**	**Paper 3 (30 min)**	**Total: 20 marks (10%)**
	10 questions	MCQ	
Chinese B	**Paper 1 - Writing**	**Paper 1 (50 min) - Computer-Based**	**Total: 20 marks (20%)**
	Email or Picture Composition	Choose 1 question	
	Paper 2 - Language & Comprehension	**Paper 2 (1 h) - MCQ**	**Total: 30 marks (30%)**
	Grammar	Section A	10 marks
	Comprehension - Graphic Stimulus	Section B	10 marks
	Objective Comprehension	Section C	10 marks
	Paper 3 - Listening Comprehension	**Paper 3 (30 min)**	**Total: 20 marks (20%)**
	10 questions	MCQ	
	Paper 3- Oral	**Paper 3- Oral (Approximately 20min)**	**Total: 30 marks (30%)**
	Reading	Reading	10 marks
	Conversation based on video stimulus	Conversation based on video stimulus	20 marks

Sec 3NA	**Subject: POA**		
	Topic tested in EOY Exam	**Format of Paper**	**Marks (Weightings)**
	Chapter 1: Introduction to Accounting	Paper 1 (1hr)	**Total: 40 marks (40%)**
	Chapter 2: The Accounting Information System	4 questions.	
	Chapter 3: Elements of the Financial Statements and the Accounting Equation.	Answer ALL questions	
	Chapter 4: Double Entry Recording	**Paper 2 (2hrs)**	**Total: 60 marks (60%)**
	Chapter 5: Trial Balance and Financial Statements	4 questions.	
	Chapter 6: Revenue and Other Income	Answer ALL questions	
	Chpater 7: Cost of sales and Other Expenses		
	Chapter 8: Cash		
	Chapter 12: Trade payables		

Sec 3NA	**Subject: Additional Mathematics**		
	Topic tested in EOY Exam	**Format of Paper**	**Marks (Weightings)**
	Chapter 1: Quadratic Equations	**Paper 1 (1 hr 45 min)**	**Total: 70 marks (100%)**
	Chapter 2:Equations and Inequalities	There will be 13 – 15 questions of varying marks and lengths.	
	Chapter 3: Surds		
	Chapter 4: Polynomials, Cubic Equations and Partial Fractions		
	Chapter 7: Coordinate Geometry		
	Chapter 9:Trigonometric Functions and Graphs		
	Chapter 10: Trigonometric Equations and Identities		