

Yio Chu Kang Secondary School
2024 End OF Year Examination



Sec 3E Subject: English			
	Topic tested in EOY Exam	Format of Paper	Marks (Weightings)
	Paper 1: Writing Editing Situational Writing Continuous Writing	Paper 1 (1 h 50 min) Section A Section B Section C (Choose 1 out of 4)	Total: 70 marks (35%) 10 marks 30 marks 30 marks
	Paper 2: Comprehension Texts 1 and 2: Visual Text Text 3: Narrative Text Text 4: Non-narrative Text	Paper 2 (1 h 50 min) Section A Section B Section C	Total: 50 marks (35%) 5 marks 20 marks 25 marks
	Paper 3: Listening	Paper 3 (approximately 45 min)	30 marks (10%)
	Paper 4: Oral Communication Planned Response Spoken Interaction	Paper 4 (approximately 10 min) Part 1 Part 2	Total: 30 marks (20%) 15 marks 15 marks
Sec 3E Subject: Mathematics			
	Topic tested in EOY Exam	Format of Paper	Marks (Weightings)
	Secondary Three Topics: Chapter 1 Quadratic and Fractional Equations Chapter 2 Simultaneous Linear Inequalities Chapter 3 Indices and Standard Form Chapter 4 Coordinate Geometry Chapter 6 Further Trigonometry Chapter 7 Applications of Trigonometry 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	Paper 1 (2 h 15 min) There will be about 25 short answer questions. Paper 2 (2 h 15 min) There will be 10 to 11 questions of varying marks and lengths. The last question in this paper will focus specifically on applying mathematics to a real-world scenario.	Total: 90 marks (50%) Total: 90 marks (50%)
Sec 3E Subject: Biology			
	Topic tested in EOY Exam	Format of Paper	Marks (Weightings)
	Chapter 1: Cell Structure and its Function Chapter 2: Movement of Substances Chapter 3: Biological Molecules Chapter 4: Enzymes Chapter 5: Nutrition in Humans Chapter 6: Transport in Humans Chapter 7: Respiration in Humans Chapter 8: Excretion in Humans	Paper 1 (45 min) 30 MCQ Paper 2 (1 h 30 min) Section A Section B (1 either/or question)	Total: 30 marks (30%) 30 marks Total: 70 marks (70%) Section A: 60 marks Section B: 10 marks
Sec 3E Subject: Chemistry			
	Topic tested in EOY Exam	Format of Paper	Marks (Weightings)
	Chap 1. Experimental Chemistry Chap 2. Kinetic Particle Theory Chap 3. Atomic Structure Chap 4. Chemical Bonding Chap 5. Structure and Properties of Materials Chap 6. Chemical Formulae and Equations Chap 7. Mole Concept and Stoichiometry Chap 8. Acids and Bases Chap 9. Salts Chap 11. Qualitative Analysis	Paper 1 (45 min) 30 MCQ Paper 2 (1 h 30 min) <u>Section A - Structured Qns (compulsory)</u> <u>Section B - 10 marks (2 choose 1)</u>	Total: 30 marks (30%) 30 marks Total: 70 marks (70%) <u>Section A: 60 marks</u> <u>Section B: 10 marks</u>

Sec 3E	Subject: Physics		
	Topic tested in EOY Exam	Format of Paper	Marks (Weightings)
	Textbook Chapter 01 - Measurement Chapter 02 - Kinematics Chapter 03 - Dynamics I (Mass & Weight) Chapter 04 - Dynamics II (Forces) Chapter 05 - Turning Effects of Forces Chapter 06 - Pressure Chapter 07 - Energy Chapter 08 - Kinetic Particle Model of Matter Chapter 09 - Thermal Processes Chapter 11 - General Wave Properties I: Introduction	Paper 1 (45 min) 30 MCQ Paper 2 (1 h 30 min) Section A Section B (1 either/or question)	Total: 30 marks (30%) 30 marks Total: 70 marks (70%) Section A: 60 marks Section B: 10 marks
Sec 3E	Subject: Science (Physics)		
	Topic tested in EOY Exam	Format of Paper	Marks (Weightings)
	Textbook Ch 1. Physical Quantities, Units & Measurement Ch 2. Kinematics Ch 3. Forces and Pressure Ch 4. Dynamics Ch 5. Turning Effects of Forces Ch 6. Energy	Paper 1 (30 min) 20 MCQ Paper 2 (1 h 15 min) Section A: Structured Qns Section B: Choose 1 out of 2 questions	Total: 20 marks (13.75%) Total: 65 marks (36.25%) Section A: 55 marks Section B: 10 marks
Sec 3E	Subject: Science (Chemistry)		
	Topic tested in EOY Exam	Format of Paper	Marks (Weightings)
	Chap 1. Experimental Chemistry Chap 2. Kinetic Particle Theory Chap 3. Atomic Structure Chap 4. Chemical Bonding Chap 5. Structure and Properties of Materials Chap 6. Chemical Formulae and Equations Chap 7. Mole Concept and Stoichiometry Chap 8. Acids and Bases	Paper 1 (30 min) 20 MCQ Paper 3 (1 h 15 min) Section A: Structured Qns Section B: Choose 1 out of 2 questions	Total: 20 marks (13.75%) Total: 65 marks (36.25%) Section A: 55 marks Section B: 10 marks
Sec 3E	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 Chap 7. Respiration in Humans	Paper 1 (30 min) 20 MCQ Paper 4 (1 h 15 min) Section A: Structured Qns Section B: Choose 1 out of 2 questions	Total: 20 marks (13.75%) Total: 65 marks (36.25%) Section A: 55 marks Section B: 10 marks

Sec 3E Subject: MTL			
	Topic tested in EOY Exam	Format of Paper	Marks (Weightings)
Chinese/ Tamil	Paper 1 - Writing Email (Informal/Formal), Descriptive, Narrative, Expository/ Story writing	Paper 1 (2 h) Section A (Choose 1 question) Section B (choose 1 question)	Total: 60 marks (30%) 20 marks 40 marks
Malay	Response Writing / Formal Email Writing Narrative Writing, Descriptive Writing, Expository Writing	Section A (choose 1 question) Section B (choose 1 question)	20 marks 40 marks
Chinese	Paper 2 - Language & Comprehension Grammar / Cloze Passage Objective Comprehension - Multi Choice Subjective Comprehension	Paper 2 (1 h 30 min) Section A: FIB / MCQ Section B: MCQ Section C: OE	Total: 70 marks (35%) 24 marks 16 marks 30 marks
Malay/ Tamil	Paper 2 - Language & Comprehension ML / TL: Grammar / Cloze Passage TL: Editing ML: True/False Comprehension - Graphic Stimulus Subjective Comprehension	Paper 2 (1 h 30 min) Section A: FIB Section B: MCQ Section C: OE	Total: 70 marks (35%) 30 marks 10 marks 30 marks
Chinese/ Malay/ Tamil	Paper 3 - Listening Comprehension 10 questions	Paper 3 (30 min) MCQ	Total: 20 marks (10%)
Chinese/ Malay/ Tamil	Paper 3 - Oral Reading Conversation based on video stimulus	Paper 3 - Oral (Approximately 20min) Reading Conversation based on video stimulus	Total: 50 marks (25%) 10 marks 40 marks
Chinese B	Paper 1 - Writing Email or Picture Composition	Paper 1 (50 min) - Computer-based Choose 1 question	Total: 20 marks (35%)
	Paper 2 - Language & Comprehension Grammar Comprehension - Graphic Stimulus Objective Comprehension	Paper 2 (1 h) - MCQ Section A Section B Section C	Total: 30 marks (45%) 10 marks 10 marks 10 marks
	Paper 3 - Listening Comprehension 10 questions	Paper 3 (30 min) MCQ	Total: 20 marks (20%)
	Paper 3 - Oral Reading Conversation based on video stimulus	Paper 3 - Oral (Approximately 20min) Reading Conversation based on video stimulus	Total: 30 marks (30%) 10 marks 20 marks
Sec 3E Subject: Additional Mathematics			
	Topic tested in EOY Exam	Format of Paper	Marks (Weightings)
	Chapter 1: Quadratic Equations Chapter 2: Equations and Inequalities Chapter 3: Surds Chapter 4: Polynomials, Cubic Equations and Partial Fractions Chapter 6: Exponential and Logarithmic Functions Chapter 7: Coordinate Geometry Chapter 9: Trigonometric Functions and Graphs Chapter 10: Trigonometric Equations and Identities	Paper 1 (2 h 15 min) There will be 12- 14 questions of varying marks and lengths.	90 marks (100%)
Sec 3E Subject: Art			
	Topic tested in EOY Exam	Format of Paper	Marks (Weightings)
	Not Applicable	Paper 1 (Class Assignments in Semester 2)	Total: 100 marks (30%)
	Paper 2 Drawing and Painting	Paper 2 Drawing & Painting (3 h) 1. Question paper is to be given three weeks before the Examination. 2. Students are to respond to one of the themes issued on an A3 sized paper. 3. Preparatory studies (Research, Sketches, Design Layout, Mock up of final work) of three to five A3 sized sheets of paper must be submitted together with the final work for assessment.	Total: 100 marks (70%) 1. Investigation and Interpretation of Theme (20 marks) 2. Exploration and Development of Theme (20 marks) 3. Aesthetic Qualities (20 marks) 4. Control of Materials &
Sec 3E Subject: Design and Technology			
	Topic tested in EOY Exam	Format of Paper	Marks (Weightings)
	Section 1: Design Section 2: Technology Structures Mechanisms Electronics	Paper 1 (2 h) Question 1 requires knowledge application of Section 1 Design. Question 2 to 4 require knowledge application of Section 2 Technology - specifically structures, mechanisms and electronics.	Total: 80 marks (40%) Question 1: 26 marks Question 2 to 4: 54 marks
	Not Applicable.	Paper 2 (Coursework in Semester 2) Design Project	Total: 100 marks (60%)

Sec 3E	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 (2 h) Section A: multiple choice questions Section B: short-answer-type questions and data-response-type questions Section C: open-ended questions	Total: 100 marks (40%) Section A: 15 marks Section B: 55 marks Section C: 30 marks
	Not Applicable.	Paper 2 (Coursework in Semester 2)	Total: 100 marks (60%)
Sec 3E	Subject: Geography		
	Topic tested in EOY Exam	Format of Paper	Marks (Weightings)
	Cluster 1: Geography in Everyday Life Cluster 4: Tectonics	Duration: 1 h 45 min Section A: Cluster 1 Section B: Cluster 4	Total: 50 marks (50%) Section A: 25 marks Section B: 25 marks
Sec 3E	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 3 Case Study of Militarist Japan Chapter 4 The Outbreak of World War II in Europe	Duration: 1 h 50 min Section A: Source-based Case Study (compulsory) Section B: Structured Essay Questions (Choose 2 out of 3 questions)	Total: 50 marks (50%) Section A: 30 marks Section B: 20 marks
Sec 3E	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, evaluative and SRQ	Duration: 1 h 45 min Section A Source-based Question (5 sub-questions) Section B Structured Response Question (2 sub-questions)	Total: 50 marks (50%) Section A: 35 marks Section B: 15 marks
Sec 3E	Subject: POA		
	Topic tested in EOY Exam	Format of Paper	Marks (Weightings)
	Chapter 1: Introduction to Accounting Chapter 2: The Accounting Information System Chapter 3: Elements of the Financial Statements and the Accounting Equation. Chapter 4: Double Entry Recording Chapter 5: Trial Balance and Financial Statements Chapter 6: Revenue and Other Income Chapter 7: Cost of sales and Other Expenses Chapter 8: Cash Chapter 9: Inventories Chapter 12: Trade payables	Paper 1 (1 h) 4 questions. Answer ALL questions Paper 2 (2 h) 4 questions. Answer ALL questions	Total: 40 marks (40%) Total: 60 marks (60%)

