

Yio Chu Kang Secondary School
2024 EOY Examination



Sec 3NT	Subject: English Language Syllabus T		
	Topics tested in EOY Exam	Format of Paper	Marks (Weightings)
	Paper 1: Writing Editing Situational Writing Continuous Writing	Paper 1 (1 h 20 min) Section A Section B Section C (Choose 1 out of 2)	Total: 70 marks (30%) 10 marks 30 marks 30 marks
	Paper 2: Language Use and Comprehension Language Use Reading Comprehension	Paper 2 (1 h 20 min) Section A Section B	Total: 60 marks (40%) 20 marks 40 marks
	Paper 3: Listening	Paper 3 (approximately 45 min)	Total: 20 marks (10%)
	Paper 4: Oral Communication Reading Aloud Spoken Interaction (2 question)	Paper 4 (approximately 10 min) Part 1 Part 2	Total: 40 marks (20%) 15 marks 25 marks
Sec 3NT	Subject: Science		
	Topics tested in EOY Exam	Format of Paper	Marks (Weightings)
	Chapter 1: Energy Chapter 2: Electricity Chapter 3: Waves Chapter 4: Effects of Force Chapter 5: Sources of Food Chapter 6: Food Chemistry	Paper 1 (epaper) (1 h 15 min) <u>Section A</u> (30 marks) - 30 MCQ (10 marks) - 2 to 5 selected response questions <u>Section B</u> (10 marks) - 2 to 3 selected-response, short-answer and/or structured questions with video, animation or interactive stimuli. Paper 2 (1 h) Structured Questions	Total: 100 marks (100%) <u>Paper 1 - 50 marks</u> <u>Paper 2 - 50 marks</u>
Sec 3NT	Subject: Smart Electrical Technology		
	Topics tested in EOY Exam	Format of Paper	Marks (Weightings)
	Paper 1 : Written Chapter 1: ELECTRICAL PRINCIPLES AND CIRCUITS Chapter 1.1: Electrical Safety Chapter 1.2: Electric Circuits Chapter 1.3: Electric Circuit Laws Chapter 1.4: Electric Circuit Connections Chapter 1.5: Power and Energy in an Electrical Circuit Chapter 1.6: Electric Power Sources Chapter 1.7: Electrical Hazards and Protection Chapter 1.8: Electrical Cables Chapter 1.9: Electrical Test Instruments Chapter 1.10: Conventional Lighting Circuits Chapter 1.11: Electrical Supply Systems	Paper 1 (1 h) 30 Multiple Choice Questions (MCQs)	Total: 30 marks (50%)
	Paper 2: Practical Electrical Principles & Conventional Lighting	Paper 2 (1 h 20 min) <u>Part A - 15 min</u> <u>- to perform measurements using a multimeter</u> <u>Part B - 35 min</u> <u>- to design a conventional lighting circuit</u> <u>Part C - 30 min</u> <u>- to connect the conventional lighting circuit using a pre-built training kit.</u>	Total: 132 marks (50%)

Sec 3NT Subject: CPA			
	Topics tested in EOY Exam	Format of Paper	Marks (Weightings)
	Paper 1: Written Computer Fundamentals (CPF) Document Processing (DOP) Interactive Media Communication (IMC) Media Elements (MEL) Animation and Game Making (AGM) Spreadsheets (SST)	Paper 1 (1 h 15 min) MCQ Structured	Total: 60 marks (30%) <u>MCQ: 20 marks</u> <u>Structured: 40 marks</u>
	Paper 2: Practical Media Elements Document Processing Interactive Multimedia Communication	Paper 2 (1 h 30 min) <u>Problem scenarios</u>	Total: 70 marks (35%)
	Paper 3: Practical Media Elements Spreadsheet <u>Animation and Game Making</u>	Paper 3 (1 h 30 min) Problem scenerio	Total: 70 marks (35%)
Sec 3NT 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) Question 1 to 3 require knowledge application of Section 1 Design. Question 4 and 5 require knowledge application of Section 2 Technology - specifically mechanisms and electronics.	Total: 50 marks (40%) Question 1 to 3: 18 marks Question 4 and 5: 32 marks
	Not Applicable.	Paper 2 (Coursework in Semester 2) Design Project	Total: 100 marks (60%)
Sec 3NT Subject: MTL			
Basic Chinese Basic Tamil (E-SBA)	Topics tested in EOY Exam	Format of paper	Marks (Weightage)
	Paper 1 - Language & Comprehension Grammar / Cloze Passage Comprehension - Graphic Stimulus	Paper 1 (50 min) Section A - MCQ/FIB Section B - MCQ/OE Paper 1 - Part 1 (30 min) e-Exam (TL) Section A - Typing (Free Response) Paper 2 - part 2 (40 min) (TL) Section - MCQ/FIB	Total: 30 marks (30%) 10 marks / 14 marks (CL) 20 marks / 16marks (CL) Total: 35 marks (35%) Part 1- 10 marks (TL) Part 2-25 marks (TL)
	Paper 2 - Oral Reading and Conversation	Paper 2 (approximately 20 min) Reading Conversation based on video stimulus	Total: 50 marks (50%) 50 marks Total: 45 marks (45%) 45 marks (TL)
	Paper 3 - Listening Comprehension 10 questions	Paper 3 (30 min) MCQ	Total: 20 marks (20%)
Malay(E-SBA)	Paper 1 - Functional Writing	Paper 1 (30 min) Response Writing	Total: 10 marks (10%)
	Paper 2 - Language & Comprehension Grammar / Cloze Passage Comprehension - Graphic Stimulus	Paper 2 (40 min) Section A - MCQ / FIB Section B - MCQ / OE Section C - MCQ / OE	Total: 25 marks (25%) 5 marks (5%) 10 marks (10%) 10 marks (10%)
	Paper 3 - Oral & Listening Copenhension Oral - Reading & Conversation LC - 10 questions	Paper 3 (Oral - approx 20 min / LC - 30 min) Reading Passage Conversation based on video stimulus	Total: 65 marks 15 marks (15%) 30 marks (30%) 20 marks (20%)

	Sec 3NT	Subject: Mathematics		
		Topics tested in EOY Exam	Format of Paper	Marks (Weightings)
		Chapter 1 - Indices & Standard Form Chapter 2 - Map Scales Chapter 3 - Algebraic Expansion, Fractions, and Expression for the nth Term of a Number Sequence Chapter 4 - Factorisation and Formulas Equations Chapter 5 - Arc Lengths and Sector Areas Chapter 6 - Pyramids, Cones and Spheres Chapter 7 - Cumulative Frequency Chapter 8 - Graphs of Linear Equations Chapter 9 - Simultaneous Linear Equations Lower Sec topics: Topic 1 - Numbers and their Operations Topic 2 - Ratio and Proportions Topic 3 - Percentage Topic 4 - Rate and Speed Topic 5 - Angles, Triangles and Polygons Topic 6 - Symmetry, Congruence and Similarity Topic 7 - Data Analysis Topic 8 - Problems Derived from Real-world context	Paper 1 (1 h 30 min) 11–13 short questions carrying 2–4 marks largely free from context, testing more on fundamental concepts and skills, followed by 2 longer questions carrying 6–8 marks, developed around a context. Students to answer all questions which will cover topics from the following strands <ul style="list-style-type: none"> • Number and Algebra • Geometry and Measurement • Real-World Contexts related to Number and Measurement Paper 2 (1 h 30 min) 11–13 short questions carrying 2–4 marks, largely free from context, testing more on fundamental concepts and skills, followed by 2 longer questions carrying 6–8 marks, developed around a context. Student to answer all questions which will cover topics from the following strands <ul style="list-style-type: none"> • Number and Algebra • Statistics and Probability • Real-World Contexts related to Number 	50 marks (Weighting 50%) 50 marks (Weighting 50%)