

Secondary 4 Normal (Technical) Subjects

SN	SUBJECTS (NT)	TOPICS/SKILLS TESTED
1	Mathematics	Chapter 1 Fractional equations Chapter 3 Quadratic equations Chapter 4 Trigonometry 30 marks, 40 minutes
2	English Language	Compre and Modified Cloze
3	Mother Tongue Language (Basic Chinese)	Paper 1 : Vocabulary & Paper 3 : Listening Comprehension 30 marks, 45 mins
4	Mother Tongue Language (Basic Malay)	Paper 1 : Cloze passage, Vocabulary, Short Message Writing (30 marks)
5	Mother Tongue Language (Basic Tamil)	Paper 1 : Cloze passage, Vocabulary, Short Message Writing (30 marks) Paper 2 : Oral (50 marks) Paper 3 : Listening Comprehension (20 marks)
6	Elements of Business Skills	Paper 1 (50 marks) Chapter 1 to Chapter 6
7	Science	Chemistry/Biology: - Chapter 11: Fitness and Cardiac Health - Chapter 12: Staying Healthy Physics: - Chapter 3: Effects of Forces (Distance, Speed, Acceleration) - Chapter 4: Electricity - Chapter 5: Sources of Electricity (Transformers)
8	Computer Applications	Practical Test - 30 Marks - Document Processing (MS Word) - Game Programming
9	D&T	Coursework

Secondary 4 Normal (Academic) Subjects

SN	SUBJECTS (NA)	TOPICS/SKILLS TESTED
1	English	Paper 2: Comprehension - Section A: Visual Text - Section B: Narrative Text
2	Mathematics	Chapter 3 Probability of Combined Events Chapter 4 Cumulative Frequency 30 marks / 40 minutes
3	Mother Tongue Language (Chinese Language)	Paper 2: Cloze Passage and Comprehension
4	Mother Tongue Language (Malay Language)	Paper 2: Cloze Passage and Comprehension (60 marks)
5	Mother Tongue Language (Tamil Language)	Paper 2: Cloze Passage and Comprehension
6	History (Elective)	SBQ: Stalin's Russia (Utility skill) SEQ: Cuban Missile Crisis (Explanation)
7	Literature (Pure)	Unseen Poetry: 1 Poem, parts (i) and (ii) [Total 25 marks]
8	Science (Biology)	Nutrition in Plants Transport in Plants
9	Science (Chemistry)	Metal extraction, recycling, rusting Fuels and crude oil Alkanes
10	Science (Physics)	Chapter 12: Electromagnetic Waves Chapter 13: Sound
11	Additional Mathematics	Chapter 13.4 Connected Rates of Change Chapter 14.2 Maxima and Minima Problems Chapter 16.1 Indefinite Integrals Chapter 17 Applications of Integration 30 Marks (40 Minutes) 4 to 7 questions of varying lengths
12	Principles of Accounts	Paper 1 : 25m (40 mins) Chapter 10: Trade Receivables Chapter 11 : Non-Current Assets (Part I : Capital expenditure vs Revenue Expenditure)

13	Mathematics (O)	1. Statistical Data Analysis 2. Matrices 3. Congruence and Similarity Tests 4. Area and Volume of Similar Figures and Solids 30 marks, 40 minutes
14	Geography (Elective)	Geographical Investigation

Secondary 4 Express Subjects

SN	SUBJECTS (E)	TOPICS/SKILLS TESTED
1	English	Paper 2: Comprehension <ul style="list-style-type: none"> - Section A: Visual Text - Section B: Narrative Text
2	Mathematics	1. Statistical Data Analysis 2. Matrices 3. Congruence and Similarity Tests 4. Area and Volume of Similar Figures and Solids 30 marks, 40 minutes
3	Mother Tongue Language (Chinese Language)	Paper 1: Email and essay writing (60 marks) Paper 2: Cloze passage and Comprehension (70 marks) Paper 3: Listening Comprehension (20 marks) and Oral (50 marks)
4	Mother Tongue Language (Malay Language)	Paper 1: Email and essay writing (60 marks) Paper 2: Cloze passage and Comprehension (70 marks) Paper 3: Listening Comprehension (20 marks) and Oral (50 marks)
5	Mother Tongue Language (Tamil Language)	Paper 1: Email and Essay writing (60 marks) Paper 2: Idioms and Phrases, Synthesis and Transformation, Cloze Passage, MCQ and Comprehension(70 marks) Paper 3: Listening comprehension(20 marks) and oral(50 marks)
6	Mother Tongue Language (Higher Tamil Language)	Paper 1: Email and Essay writing(80 Marks) Paper 2: Cloze Passage, Editing, Grammar and Comprehension 1-2 (80 Marks) Paper 3: Oral (40 Marks)
7	Mother Tongue Language (Higher Chinese Language)	Paper 1: Email and Essay writing (80 marks) Paper 2: Cloze Passage and Comprehension (80 marks) Paper 3: Oral (40 marks)
8	Biology	Chapter 14: The Human Eye Chapter 16: Cell Division Chapter 17: Reproduction in Plants
9	Chemistry	Paper format: Paper 2, will also include Paper 3 <ul style="list-style-type: none"> - EOC Planning Qns

		<ul style="list-style-type: none"> - EOC Graph Skills <p>Topics tested:</p> <ul style="list-style-type: none"> - Speed of Reaction - Chemical Analysis - Electrolysis
10	Physics	Chapter 13: Waves Chapter 14: Electromagnetic Waves Chapter 15: Sound Chapter 16: Static Electricity
11	Science (Biology)	Nervous System The Human Eye Hormones
12	Science (Chemistry)	<ol style="list-style-type: none"> 1. Mole Calculation 2. Redox Reactions 3. Energy Changes 4. Metals (exclude physical properties of metals, alloys and reactivity series)
13	Science (Physics)	<ol style="list-style-type: none"> 1) Vectors Diagram 2) Waves 3) EM Waves
14	History (Elective)	SBQ: Stalin's Russia (Utility skill) SEQ: Option between Reasons for Cold War and Cuban Missile Crisis
15	History (Pure)	SBQ: Malaya (Inference and Utility skills) SEQ: Vietnam (Explanation)
16	Principles of Accounts	Paper 1 : 40m (1 hour) Chapter 11 : Non-Current Assets : Part II - Depreciation of NCA : Part III - Sale of NCA Chapter 13 : Long-term Borrowings Chapter 14 : Equities : Part I - accounting for Owner's Equity (Sole Proprietorship)
17	Additional Mathematics	Chapter 12 Differentiation Chapter 13 Tangents, Normals and Rates of Change Chapter 14 Maxima and Minima Chapter 15 Differentiation of Trigonometric, Exponential and Logarithmic Functions 30 marks / 40 minutes

18	Literature (Pure)	Unseen Poetry: 1 Poem, parts (i) and (ii) [Total 25 marks]
19	D&T	Coursework
20	Geography (Pure and Elective)	Geographical Investigation

Secondary 5 Normal Academic Subjects

SN	SUBJECTS (E)	TOPICS/SKILLS TESTED
1	Mathematics	Sec 4 topic: Statistics Sec 5 topics: Chapter 3 Matrices Chapter 4 Congruence and similarity tests Chapter 5 Area and volume of similar figures and solids 30 marks, 40 minutes
2	English	Paper 2: Comprehension - Section A: Visual Text - Section B: Narrative Text -
3	Mother Tongue Language (Chinese Language)	Paper 1: Email and essay writing (60 marks) Paper 2: Cloze passage and Comprehension (70 marks) Paper 3: Listening Comprehension (20 marks) and Oral (50 marks)
4	Mother Tongue Language (Malay Language)	Paper 1: Email and essay writing (60 marks) Paper 2: Cloze passage and Comprehension (70 marks) Paper 3: Listening Comprehension (20 marks) and Oral (50 marks)
5	Science (Biology)	Nervous System The Human Eye Hormones
6	Science (Chemistry)	1. Mole Calculation 2. Redox Reactions 3. Energy Changes 4. Metals (exclude physical properties of metals, alloys and reactivity series)
7	Science (Physics)	1) Vectors Diagram 2) Waves 3) EM Waves

8	Additional Mathematics	<u>Sec 4NA topics</u> Chapter 12 Differentiation Chapter 13 Tangents, Normals and Rates of Change Chapter 14 Maxima and Minima <u>Sec 5NA topics</u> Chapter 15 Differentiation of Trigonometric, Exponential and Logarithmic Functions 30 marks / 40 minutes
9	Literature (Pure)	Unseen Poetry: 1 Poem, parts (i) and (ii) [Total 25 marks]
10	History (Elective)	SBQ: Stalin's Russia (Utility skill) SEQ: Option between Reasons for Cold War and Cuban Missile Crisis
11	Geography (Elective)	Geographical Investigation