

Secondary 3 Normal (Technical)

SN	SUBJECTS (NT)	TOPICS/SKILLS TESTED
1	English Language	Paper 1: Editing, Situational Writing, Continuous Writing Paper 2: Modified Clozes 1 and 2, Comprehension 1 and 2 Paper 3: Listening Paper 4: Oral (Reading, conversation)
2	Basic Mother Tongue Languages (Chinese Language)	试卷一 1 网络贴文 2 词语测试 (单元四、五) 3 语文应用 4 阅读理解 试卷二 口试: 朗读短文、会话 试卷三 听力理解
3	Basic Mother Tongue Languages (Tamil Language)	<p><u>Paper 1: 1hr 10 min (35 marks)</u></p> <p><u>Part - 1 30 min [10 marks]</u> Functional writing (response-based)</p> <p><u>Part - 2 40 min [25 marks]</u> Language use & Comprehension (MCQ)</p> <ul style="list-style-type: none"> - Fill-in-the-blanks (5 marks) - Comprehension (MCQ, 20 marks) <p><u>Paper 3 (65 marks)</u></p> <p>Oral</p> <ul style="list-style-type: none"> - Reading Aloud (15 marks) - Conversation based on video (30 marks) - Listening Comprehension (20 marks)
4	Basic Mother Tongue Languages (Malay Language)	<p><u>Paper 1: 1hr 10 min (35 marks)</u></p> <p><u>Part - 1 30 min [10 marks]</u> Functional writing (response-based)</p> <p><u>Part - 2 40 min [25 marks]</u> Language use & Comprehension (MCQ)</p> <ul style="list-style-type: none"> - Fill-in-the-blanks (5 marks) - Comprehension (MCQ, 20 marks) <p><u>Paper 3 (65 marks)</u></p> <p>Oral</p> <ul style="list-style-type: none"> - Reading Aloud (15 marks) - Conversation based on video (30 marks) - Listening Comprehension (20 marks)

4A	Mother Tongue Languages (Malay Language NA-SBB)	<p>Paper 1: (60 marks, 2hr)</p> <ul style="list-style-type: none"> - Functional Writing: 2 choose 1 (20 marks) - Essay writing: 3 choose 1 (40 marks) <p>Paper 2: (60 marks, 1 hr 30 mins)</p> <p>Section A Language use (10 marks)</p> <ul style="list-style-type: none"> - Fill-in-the-blanks (MCQ) <p>Section B</p> <ul style="list-style-type: none"> - Comprehension (MCQ, 20 marks) <p>Section C</p> <ul style="list-style-type: none"> - Open-ended comprehension (30 marks) <p>Paper 3: (80 marks)</p> <ul style="list-style-type: none"> - Listening Comprehension (30 mins, 20 marks) - Oral skills component (60 marks)
4B	Mother Tongue Languages (Malay Language EXP and EXP-SBB)	<p>Paper 1: (60 marks, 2 hr)</p> <ul style="list-style-type: none"> - Functional Writing: 2 choose 1 (20 marks) - Essay writing: 3 choose 1 (40 marks) <p>Paper 2: (70 marks, 1 hr 30 mins)</p> <p>Section A Language use (20 marks)</p> <ul style="list-style-type: none"> - Fill-in-the-blanks (MCQ) - Editing <p>Section B</p> <ul style="list-style-type: none"> - Comprehension (MCQ, 20 marks) <p>Section C</p> <ul style="list-style-type: none"> - Open-ended comprehension (30 marks) <p>Paper 3: (70 marks)</p> <ul style="list-style-type: none"> - Listening Comprehension (30 mins, 20 marks) - Oral skills component (50 marks)
5	Computer Applications	<p><u>Paper 1: 1 hour 15 mins [60 marks]</u> All Sec 1, 2 and 3 topics</p> <p><u>Paper 2: 1 hour 30 mins [70 marks]</u> Skills to be tested: Creating a media element, document processing and multimedia communication.</p> <p><u>Paper 3: 1 hour 30 mins [70 marks]</u> Skills to be tested: Creating a video, spreadsheet editing and game creation.</p>

6	Science	<p><u>Physics</u> Topic 1: Energy Topic 2: Electricity Topic 3: Waves Topic 4: Forces (up to 4.2 only)</p> <p><u>Chemistry & Biology</u> Topic 5: Sources of Food Topic 6: Food Chemistry Topic 7: Food Safety Topic 8: Staying Healthy (up to 8.3 only)</p>
7	Mathematics	<p><u>Paper 1</u> 1–13 short questions carrying 2–4 marks, 2 longer questions carrying 6–8 marks, developed around a context. Will include topics from</p> <ul style="list-style-type: none"> • Number and Algebra • Geometry and Measurement <p><u>Paper 2</u> 1–13 short questions carrying 2–4 marks, 2 longer questions carrying 6–8 marks, developed around a context. Will include topics from</p> <ul style="list-style-type: none"> • Number and Algebra • Statistics and Probability <p>Both papers will include All Topics from sec 1 to sec 3.</p>
8	Elements of Business Skills	<p><u>EBS Paper 1 (100 marks)</u> Chapter 1 - Introduction to Business Chapter 2 - Business in the 3 Service Industry Chapter 3 - Introduction to Business Chapter 4 - The Marketing Mix Chapter 5 - Communication with Customer Chapter 6 - Customer Service</p>
9	Design & Technology	<p><u>D&T Paper 1 (50 marks)</u> <u>Duration; 1 hour</u> Questions 1, 2, 3:</p> <ul style="list-style-type: none"> - Design aspects (e.g. design specifications, design brief, ergonomics, anthropometric data, gantt chart, environmental considerations, design considerations) - Sketching solutions <p>Question 4: Mechanisms (levers, linkages, gears, belts and pulleys, springs, cam and followers, screw, sketching of solutions) Question 5: Electronics (functions, symbols, sensing circuits, sketching of solutions)</p>

10	Music	<p>Listening Paper</p> <ul style="list-style-type: none"> ● Section A: MCQ ● Section B: Short-answer Questions <p>Popular Music</p> <ul style="list-style-type: none"> ● Pop ● Rock ● Electronic Dance Remix ● Rhythm & Blues <p>Music from Local Cultures</p> <ul style="list-style-type: none"> ● Chinese Ensemble Music ● Malay Ensemble Music ● Indian Ensemble Music <p>Western Classical Music</p> <ul style="list-style-type: none"> ● Programme Music <p>Music for Film and Television</p> <ul style="list-style-type: none"> ● Action Cue ● Emotive Cue
11	Nutrition and Food Science	<p>Nutrients: Chapters 1-6: Proteins, Carbohydrates, Fats, Vitamins, Minerals, Water and Dietary Fibre</p> <p>Diet and Health Problems: Chapter 7: obesity, hypertension, type 2 diabetes, coronary heart disease</p> <p>Food Management: Chapters 8-9: Diet and Meal Planning, Meal Analysis</p> <p>Smart Consumer: Chapter 10: Convenience Food</p> <p>The Science of Food Preparation and Cooking: Chapters 11-12: Food Safety, Preparation and Cooking of Food</p> <p>Reactions in Food During Preparation and Cooking: Chapters 13-15: Methods of Cooking, Reactions in Food During Preparation and Cooking, Sensory Evaluation</p>
12	Art	<p>Paper 1: 6128/01: Art Task (100 marks) 5 Pages Preparatory Studies + 3 hours Final Artwork</p> <p>Preparatory Studies on A3 size drawing block:</p> <p>Page 1: Observational Studies</p> <p>Page 2: Developmental Ideas + Artist Reference</p> <p>Page 3: Extended Developmental Ideas</p> <p>Page 4: Layouts, Color Schemes</p> <p>Page 5: Final Presentation</p>

Secondary 3 Normal (Academic)

SN	SUBJECTS (NA)	TOPICS/SKILLS TESTED
1	English Language	<p>Paper 1: 1hr 50mins (70 marks)</p> <ol style="list-style-type: none"> 1. Editing - 10 marks 2. Situational Writing- 30 marks 3. Continuous Writing- 30 marks <p>Paper 2: 1hr 50mins (50 marks) Comprehension</p> <ol style="list-style-type: none"> 1. Visual Text (5 marks) 2. Narrative Text (20 marks) 3. Informative Text (25 marks) <p>Paper 3: 1hr (30 marks) Listening Comprehension</p> <p>Paper 4 (30 marks) Oral Communication</p> <ol style="list-style-type: none"> 1. Planned Response (15 marks) 2. Spoken Interaction- 1 question (15 marks)
1A	English Language ('O' Level)	<p>Paper 1: 1hr 50mins (70 marks)</p> <ol style="list-style-type: none"> 1. Editing - 10 marks 2. Situational Writing- 30 marks 3. Continuous Writing- 30 marks <p>Paper 2: 1hr 50mins (50 marks) Comprehension</p> <ol style="list-style-type: none"> 1. Visual Text (5 marks) 2. Narrative Text (20 marks) 3. Informative Text (25 marks) <p>Paper 3: 1hr (30 marks) Listening Comprehension</p> <p>Paper 4 (30 marks) Oral Communication</p> <ol style="list-style-type: none"> 1. Planned Response (15 marks) 2. Spoken Interaction- 1 question (15 marks)
2	Mother Tongue Languages (Chinese Language)	<p>P1 - 60M</p> <ol style="list-style-type: none"> 1. 应用文(私人电邮、公务电邮, 2选1)20M 2. 作文(情境作文、论说文x2、完成文章, 4选1)40M <p>P2 - 60M</p> <ol style="list-style-type: none"> 1. 选词填空(单元4-5)10M 2. 综合填空 10M 3. 阅读理解一 10M 4. 阅读理解二 30M

		<p>P3 - 80M</p> <ol style="list-style-type: none"> 1. 听力 20M 2. 口试 60M
3	Mother Tongue Languages (Malay Language)	<p>Paper 1: (60 marks, 1 hr 30min)</p> <ul style="list-style-type: none"> - Functional Writing: 2 choose 1 (20 marks) - Essay writing: 3 choose 1 (40 marks) <p>Paper 2: (70 marks, 1 hr 30 mins)</p> <p>Section A Language use (20 marks)</p> <ul style="list-style-type: none"> - Fill-in-the-blanks (MCQ) - Editing <p>Section B</p> <ul style="list-style-type: none"> - Comprehension (MCQ, 20 marks) <p>Section C</p> <ul style="list-style-type: none"> - Open-ended comprehension (30 marks) <p>Paper 3: (70 marks)</p> <ul style="list-style-type: none"> - Listening Comprehension (30 mins, 20 marks) - Oral skills component (50 marks)
4	Mother Tongue Languages (Tamil Language)	<p>Paper 1: (60 marks, 2 hr)</p> <ul style="list-style-type: none"> - Email Writing: 2 choose 1 - Essay writing: 3 choose 1 <p>Paper 2: (60 marks, 1 hr 30 mins)</p> <ul style="list-style-type: none"> - Idioms and Phrases, Editing, Close Passage, MCQ comprehension, Open-ended comprehension <p>Paper 3: (80 marks)</p> <ul style="list-style-type: none"> - Listening Comprehension (20 marks) - Oral skills (60 marks)
4A	Mother Tongue Languages (Tamil B)	<p>Paper 1: (20 marks, 50 minutes)</p> <ul style="list-style-type: none"> - Email Writing & Essay writing: 2 choose 1 - <p>Paper 2: (30 marks, 1 hr)</p> <ul style="list-style-type: none"> - Close Passage 1&2, MCQ comprehension 1&2, Open-ended comprehension 1&2 <p>Paper 3: (50 marks)</p> <ul style="list-style-type: none"> - Listening Comprehension (20 marks) - Oral skills (30 marks)

4B	Mother Tongue Languages (Higher Tamil Language)	<p>Paper 1(2hours - 80 marks)</p> <ul style="list-style-type: none"> - Email Writing: 2 choose 1 - Essay writing: 3 choose 1 <p>Paper 2 (1 hr 45 mins - 80 marks)</p> <p>Cloze Passage, Grammar, Editing, Comprehension - MCQ, Comprehension, Summary Writing</p> <p>Paper 3: Oral (40 marks) conversation</p>
5	Mathematics	<p>Both papers will include ALL Topics from sec 1 to sec 3.</p> <p>Paper 1 (2 hours - 70 marks) There will be about 23 short answer questions. Candidates are required to answer ALL questions.</p> <p>Paper 2 (2 hours - 70 marks) There are two sections.</p> <p>Section A: There will be 9 to 10 questions of varying marks and lengths. The last question in this section will focus specifically on applying mathematics to a real-world scenario. Candidates are required to answer all questions.</p> <p>Section B: There will be 2 questions of which candidates will be required to answer only one. The questions in this section will be based on the underlined content and there will be one question from the 'Geometry and Measurement' strand and one from the 'Statistics and Probability' strand. Each question carries the same number of marks, that is, either 7 or 8 marks.</p>
5A	Mathematics ('O' Level)	<p>Sec 1 to Sec 3 All topics</p> <p>Paper 1: 2 hour 15 mins There will be about 26 short answer questions. Candidates are required to answer all questions.</p> <p>Paper 2: 2 hour 15 mins There will be 9 to 10 questions of varying marks and lengths. The last question in this paper will focus specifically on applying mathematics to a real-world scenario. Candidates are required to answer all questions.</p>

6	Additional Mathematics	<p>Ch 1: Quadratic Functions Ch 2: Equations and Inequalities Ch 3: Surds Ch 4: Polynomials and Partial fractions Ch 7: Coordinate Geometry Ch 8: Circles Ch 10: Trigonometric functions Ch 11: Trigonometric Identities and Equations</p> <p>Paper 1: 1 hr 45 mins Paper 2: 1 hr 45 mins</p>
7	Science (Biology)	<p>Chapters 1 - 6 (Cells, Movement of Substances, Nutrients, Enzymes, Nutrition in Humans and Transport in Humans)</p>
8	Science (Chemistry)	<p>Chapter 1: Experimental Chemistry Chapter 2: Kinetic Particle Theory Chapter 3: Atomic Structure Chapter 4: Chemical Bonding Chapter 5: Structure and Properties of Materials Chapter 6: Chemical Formulae and Equations Chapter 8: Acids and Bases Chapter 11: The Periodic Table (exclude Group 17)</p>
9	Science (Physics)	<p>Chapter 1: Physics Quantities, Units and Measurements Chapter 2: Kinematics Chapter 3: Force and Pressure Chapter 4: Dynamics Chapter 6: Energy Chapter 7: Kinetic Particle Model of Matter Chapter 8: Thermal Processes Chapter 9: General Wave Properties I: Introduction</p>
10	Social Studies	<p>1 hr 30 mins - 40 marks</p> <ul style="list-style-type: none"> ● Source-Based Case Study (25 marks) <ul style="list-style-type: none"> ○ Inference (Content/ Message, Tone/Attitude, Purpose) ○ Comparison ● Structured Response questions (15 marks) <p>Issue 1: Exploring Citizenship and Governance (Chapters 1-4) Issue 2: Living in a Diverse Society (Chapters 5-6)</p>
11	Literature	<p>1 hr 40- 50 marks</p> <ul style="list-style-type: none"> ● Kindred (The River - The Storm) <ul style="list-style-type: none"> ○ Choose either essay or PBQ (25 m) ● Unseen Poetry <ul style="list-style-type: none"> ○ Choose 1 of 2 poems. (25 m) ● Total: 50 m

12	Elective Geography	<p>1 hr 45 mins - 50 marks</p> <ul style="list-style-type: none"> ● Geography in Everyday Life Cluster - 25 marks ● Climate Cluster - 25 marks <p><u>Geography in Everyday Life Cluster</u> Topic 1: Thinking Geographically Topic 2: Sustainable Development Topic 3: Geographical Methods</p> <p><u>Climate Cluster</u> Topic 1: Weather and Climate</p>
13	Elective History	<p>1 hour 50 mins</p> <p>Chapters 1-4</p> <p>Section A: Source Based Case Study (Inference, Inference with Purpose, Comparison, Reliability)</p> <p>Section B: Essay (Choose 2 out of 3 essays)</p>
14	Design & Technology	<p><u>D&T Paper 1 (60 marks)</u> <u>Duration: 1 hour 30 minutes</u></p> <p>Questions 1:</p> <ul style="list-style-type: none"> - Design aspects (e.g. design specifications, design brief, ergonomics, anthropometric data, gantt chart, environmental considerations, design considerations, situation analysis, product analysis) - Sketching solutions <p>Question 2: Mechanisms (levers, linkages, gears, belts and pulleys, springs, cam and followers, screw, sketching of solutions)</p> <p>Question 3: Electronics (functions, symbols, sensing circuits, sketching of solutions)</p>
15	Nutrition and Food Science	<p>Nutrients: Chapters 1-6: Proteins, Carbohydrates, Fats, Vitamins, Minerals, Water and Dietary Fibre</p> <p>Diet and Health Problems: Chapter 7: obesity, hypertension, type 2 diabetes, coronary heart disease, dehydration, heat stroke, constipation, osteoporosis, anaemia</p> <p>Food Management: Chapters 8: Diet and Meal Planning</p> <p>The Science of Food Preparation and Cooking: Chapters 11: Preparation and Cooking of Food</p> <p>Reactions in Food During Preparation and Cooking: Chapters 12 & 13: Methods of Cooking, Reactions in Food During Preparation and Cooking</p>
16	Art	<p>PAPER 2: Drawing & Painting (100 marks, 3 hours)</p> <p>Preparatory studies (60%)</p>

		<ul style="list-style-type: none">- 10 pages - A3 drawing block size- Observational Studies + Concept Brief- Developmental / Explorations of Ideas- Artist References- Layouts- Color Schemes- Drafts of Final Artwork <p>Final Artwork (To be produced in 3 hours) (40%)</p> <ul style="list-style-type: none">- Aesthetic Qualities- Selection and Control of Materials and Technical Processes
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Secondary 3 Express

SN	SUBJECTS (E)	TOPICS/SKILLS TESTED
1	English Language	<p>Paper 1: 1hr 50mins (70 marks)</p> <ol style="list-style-type: none"> 4. Editing - 10 marks 5. Situational Writing- 30 marks 6. Continuous Writing- 30 marks <p>Paper 2: 1hr 50mins (50 marks) Comprehension</p> <ol style="list-style-type: none"> 4. Visual Text (5 marks) 5. Narrative Text (20 marks) 6. Informative Text (25 marks) <p>Paper 3: 1hr (30 marks) Listening Comprehension</p> <p>Paper 4 (30 marks) Oral Communication</p> <ol style="list-style-type: none"> 3. Planned Response (15 marks) 4. Spoken Interaction- 1 question (15 marks)
2	Mother Tongue Languages (Chinese Language)	<p>P1 - 60M</p> <ol style="list-style-type: none"> 1. 应用文(私人电邮、公务电邮, 2选1)20M 2. 作文(情境作文x2、论说文, 3选1)40M <p>P2 - 70M</p> <ol style="list-style-type: none"> 1. 选词填空(单元4-5)10M 2. 语文应用 <ol style="list-style-type: none"> a. 综合填空 5M b. 词语替换 10M 3. 阅读理解一 10M 4. 阅读理解二 35M <p>P3 - 70M</p> <ol style="list-style-type: none"> 3. 听力 20M 4. 口试 50M
2A	Mother Tongue Languages (Higher Chinese Language)	<p>P1 - 80M</p> <ol style="list-style-type: none"> 1. 应用文(私人电邮、公务电邮, 2选1)20M 2. 作文(情境作文、材料作文, 论说文, 3选1)60M <p>P2- 80M</p> <ol style="list-style-type: none"> 1. 语文应用(综合填空/ 修改病句)20M 2. 阅读理解一 10M 3. 阅读理解二 38M 4. 片段缩写 12M
3	Mother Tongue Languages	Paper 1: (60 marks, 1 hr 30 mins)

	(Malay Language)	<ul style="list-style-type: none"> - Functional Writing: 2 choose 1 - Essay writing: 3 choose 1 <p>Paper 2: (70 marks, 1 hr 30 mins)</p> <ul style="list-style-type: none"> - Fill in the blanks - Editing - Comprehension (True / False) - Comprehension (MCQ) - Open-ended comprehension <p>Paper 3:</p> <ul style="list-style-type: none"> - Listening Comprehension (30 mins, 20 marks) - Oral skills component (50 marks)
4	Mother Tongue Languages (Tamil Language)	NIL
4A	Mother Tongue Languages (Higher Tamil)	<p>Paper 1 (2 hr - 80 marks)</p> <ul style="list-style-type: none"> - Email Writing: 2 choose 1 - Essay writing: 2 choose 1 <p>Paper 2 (1 hr 45 mins - 80 marks)</p> <ul style="list-style-type: none"> - Cloze Passage, Grammar, Editing, Comprehension - MCQ, Comprehension, Summary Writing <p>Paper 3: Oral (40 marks)</p> <ul style="list-style-type: none"> - conversation
5	Mathematics	<p>Sec 1 to Sec 3 All topics</p> <p>Paper 1: 2 hour 15 mins There will be about 26 short answer questions. Candidates are required to answer all questions.</p> <p>Paper 2: 2 hour 15 mins There will be 9 to 10 questions of varying marks and lengths. The last question in this paper will focus specifically on applying mathematics to a real-world scenario. Candidates are required to answer all questions.</p>
6	Additional Mathematics	<p>Chapter 1 to 11.2</p> <p>Paper 1: 2h 15 mins There will be 12 to 14 questions of varying marks and</p>

		<p>lengths, up to 10 marks per question. Candidates are required to answer ALL questions.</p> <p>Paper 2: 2h 15 mins There will be 9 to 11 questions of varying marks and lengths, up to 12 marks per question. Candidates are required to answer ALL questions.</p>
7	Biology	<p>Chap 1 - Cells Structure and Organization 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 Chap 8 - Excretion</p>
8	Chemistry	<p>Chemistry Matters TB Chapters 1-10, 14, 15 (exclude rusting) Practical EOC skills e.g. graphs, planning</p>
9	Physics	<p>Chap 1 - Physical Quantities Units and Measurements Chap 2 - Kinematics Chap 3 - Dynamics 1: Mass and Weight Chap 4 - Dynamics 2: Forces Chap 5 - Turning Effects of Forces Chap 6 - Pressure Chap 7 - Energy Chap 8 - Kinetic Particle Model of Matter Chap 9 - Thermal Processes Chap 10-Thermal Properties of Matter</p>
10	Science (Biology)	<p>Chap 1 - Cells Structure and Organization 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</p>
11	Science (Chemistry)	<p>Chapter 1: Experimental Chemistry Chapter 2: Kinetic Particle Theory Chapter 3: Atomic Structure Chapter 4: Chemical Bonding Chapter 5: Structure and Properties of Materials Chapter 6: Chemical Formulae and Equations Chapter 8: Acids and Bases Chapter 11: The Periodic Table Chapter 12 : The Reactivity Series (12.1 & 12.2 only)</p> <p>Paper 1 : 20 MCQ (20M) Paper 3: Structured questions (65M)</p>

12	Science (Physics)	Chapter 1: Physics Quantities, Units and Measurements Chapter 2: Kinematics Chapter 3: Force and Pressure Chapter 4: Dynamics Chapter 6: Energy Chapter 7: Kinetic Particle Model of Matter Chapter 8: Thermal Processes
13	Social Studies	1 hr 30 mins - 40 marks <ul style="list-style-type: none"> ● Source-Based Case Study (25 marks) <ul style="list-style-type: none"> ○ Inference (Content/ Message, Tone/Attitude, Purpose) ○ Comparison ● Structured Response questions (15 marks) <p>Issue 1: Exploring Citizenship and Governance (Chapters 1-4) Issue 2: Living in a Diverse Society (Chapters 5-6)</p>
14	Geography (Pure)	1h 40 min - 50 marks Section A: GI (20m) Section B: Tourism Topic 1 and 2 (15m; this includes a 9m essay) Section C: Geography in Everyday Life (15m)
15	History (Pure)	1 hour 50 mins Chapters 1, 3, 4, and 5 Section A: Source Based Case Study (Inference, Inference with Purpose, Comparison, Reliability) Section B: Essay (Choose 2 out of 3 essays)
16	Literature (Pure)	1 hr 40- 50 marks <ul style="list-style-type: none"> ● Kindred (The River - The Storm) <ul style="list-style-type: none"> ○ Choose either Essay or PBQ (25 m) ● Unseen Poetry <ul style="list-style-type: none"> ○ Choose 1 of 2 poems. (25 m) ● Total: 50 m
17	Elective Geography	1 hr 45 mins - 50 marks <ul style="list-style-type: none"> ● Geography in Everyday Life Cluster - 25 marks ● Climate Cluster - 25 marks <p><u>Geography in Everyday Life Cluster</u> Topic 1: Thinking Geographically Topic 2: Sustainable Development</p>

		<p>Topic 3: Geographical Methods</p> <p><u>Climate Cluster</u></p> <p>Topic 1: Weather and Climate</p>
18	Elective History	<p>1 hour 50 mins</p> <p>Chapters 1-4</p> <p>Section A: Source Based Case Study (Inference, Inference with Purpose, Comparison, Reliability)</p> <p>Section B: Essay (Choose 2 out of 3 essays)</p>
19	Elective Literature	<p>1 hr 40mins- 50 marks</p> <ul style="list-style-type: none"> ● Kindred (The River - The Fight) <ul style="list-style-type: none"> ○ Choose either Essay or PBQ (25 m) ● Unseen Poetry <ul style="list-style-type: none"> ○ Choose 1 of 2 poems. (25 m) ● Total: 50 m
20	Design & Technology	<p>Paper 1 (2 hours)</p> <ol style="list-style-type: none"> 1. Design (26m) 2. Structure (18m) 3. Mechanism (18m) 4. Electronics (18m) <p>Total: 80 marks</p>
21	Nutrition and Food Science	<p>Nutrients: Chapters 1-6: Proteins, Carbohydrates, Fats, Vitamins, Minerals, Water and Dietary Fibre</p> <p>Diet and Health Problems: Chapter 7: obesity, hypertension, type 2 diabetes, coronary heart disease, dehydration, heat stroke, constipation, osteoporosis, anaemia</p> <p>Food Management: Chapters 8-9: Diet and Meal Planning, Meal Analysis</p> <p>Smart Consumer: Chapter 10: Sustainable Food Consumption</p> <p>The Science of Food Preparation and Cooking: Chapters 11 Preparation and Cooking of Food</p> <p>Reactions in Food During Preparation and Cooking: Chapters 12 & 13: Methods of Cooking, Reactions in Food During Preparation and Cooking</p> <p>Evaluation of Food: Chapter 14: Sensory Evaluation of Food</p>
22	Art	<p>Paper 2 Preparatory Work (Chosen Theme)</p> <ul style="list-style-type: none"> - 10 pages A3 size Consist of drawings, photos, annotations and citation - 1 final artwork (completed)

		<p>During the 3 hours exam: - To work on the final artwork</p>
23	Music	<p><u>Music theory</u> Q1, 2, 3 - AOS 1: Western Classical Tradition</p> <ul style="list-style-type: none"> ● Solo Instrumental Music <ul style="list-style-type: none"> ○ Baroque Dance Suites ○ Classical Sonata ○ Romantic Character Piece ● Chamber Music <ul style="list-style-type: none"> ○ Classical String Quartet ○ Romantic German Lieder ● Symphony (Classical and Romantic) <p>Q4 - AOS 3: Popular Music</p> <ul style="list-style-type: none"> ● Late 1960s Pop-Rock <p>Q5&6 - AOS 4: Asian Music</p> <ul style="list-style-type: none"> ● Music of Malay Traditional Dances ● Chinese Ensemble Music <p><u>Music performance</u> Perform 2 solo pieces, total duration between 5 - 10 minutes</p>