



ST ANDREW'S SCHOOL (SECONDARY)
Overview of School Based Assessments

Secondary 4 and 5

Normal Technical

| Subject | Format | Duration | Mode | Scope |
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| NT Weighted Assessment 1 | | | | |
| English | Oral | Please refer to the WA1 schedule | e-assessment | Refer to the notes provided by the EL teacher |
| Mathematics | Structured Questions Approved scientific calculators allowed | 40 minutes | Pen and Paper | Sec 1 to Sec 3 topics Sec 4: Chapter 1: Fractional Equations Chapter 2: Graphs of Quadratic Functions |
| Science | Multiple-Choice Questions | 30 minutes | e-assessment | Chapter 7: Food Safety Chapter 8: Staying Healthy Chapter 9: Digestion |
| Mother Tongue | Blog response | 40 minutes | e-assessment | Skills taught in Sec 4 text/workbooks |
| Computer Applications | Multiple choice and Structured Questions | 40 minutes | e-assessment | Computer Fundamental (Sec 1 to Sec 4) |
| Social Studies | Performance task | Please refer to the WA1 schedule | Project | Topics taught in Sec 4 text/workbooks |
| Elements of Business Skills | Coursework | Please refer to the WA1 schedule | e-assessment | Topics taught in Sec 4 text/workbooks |

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| NT Weighted Assessment 2 | | | | |
| English | Comprehension | 40 minutes | Pen and Paper | Part 4 of Paper 2 |
| Mathematics | Structured Questions Approved scientific calculators allowed | 40 minutes | Pen and Paper | Sec 1 to Sec 3 topics Sec 4: Chapter 4: Trigonometry |
| Science | Multiple-Choice & Structured Questions | 40 minutes | Pen and Paper | Chapter 10: Breathing Chapter 11: Blood Circulation Chapter 5: Sources of Food |
| Mother Tongue | Multiple-Choice Questions | 40 minutes | e-assessment | Skills taught in Sec 4 text/workbooks |
| Elements of Business Skills | Mixed Question Types | 40 minutes | Pen and Paper | Whole book |
| Computer Applications | Practical Test | 40 minutes | Practical | SST (Spreadsheet) |
| NT Preliminary Examination | | | | |
| English | Paper 1: 1 Writing Section A: Grammar Editing Section B: Situational Writing Section C: Continuous Writing Paper 2: Language Use and Comprehension Section A: Language Use Part 1: Modified Cloze I | Paper 1: 1 hour 20 minutes Paper 2: 1 hour 20 minutes Paper 3: 45 minutes | e-assessment | All skills taught in Sec 1 - 4 |

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| | Part 2: Modified Cloze II Section B: Reading Comprehension Part 3: Comprehension I Part 4: Comprehension II Paper 3: Listening Paper 4 Oral Communication Part 1: Reading Aloud Part 2: Spoken Interaction | | | |
| Mathematics | Structured Questions Approved scientific calculators allowed | Paper 1: 1 hour 30 minutes Paper 2: 1 hour 30 minutes | Pen and Paper | All topics taught in Sec 1 to Sec 4. |
| Science | P1 (50) Section A: MCQ + Selected Response, Section B: Short Answer, Structured with Video, Animation, Interactive Stimuli (VAI) P2 (50) Short Answer + Structured | Paper 1: 1 hour 15 minutes Paper 2: 1 hour | Paper 1: e-assessment Paper 2: Pen and Paper | Chapter 1: Energy Chapter 2: Electricity Chapter 3: Wave Chapter 4: Effects of Force Chapter 6: Food Chemistry Chapter 7: Food Safety Chapter 8: Staying Healthy Chapter 9: Digestion Chapter 10: Breathing Chapter 11: Blood Circulation Chapter 5: Sources of Food |
| Mother Tongue | Paper 1: Blog response | Paper 1: 30 minutes | e-assessments | All skills taught in Sec 1 - 4 |

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| | <p>Paper 2: Comprehension and Language Use Paper 3: Oral and Listening Comprehension</p> | <p>Paper 2: 40 minutes Paper 3: Oral (15 minutes) and Listening Comprehension (30 minutes)</p> | | |
| Elements of Business Skills | Mixed Question Types | 1 hour 30 minutes | Pen and Paper | Whole book |
| Computer Applications | <p>Paper 1 - Multiple- Choice and Structured Questions Paper 2 - Practical Paper Paper 3 - Practical Paper</p> | <p>Paper 1: 1hour 15 minutes Paper 2: 1hour 30 minutes Paper 3: 1hour 30 minutes</p> | <p>Paper 1 – Pen and Paper Paper 2 & 3 – Practical</p> | <p>Paper 1 - CPF, DOP, SST, AGM, IMC & MEL Paper 2 - MEL, DOP & IMC Paper 3 - Video Editing, SST, AGM</p> |

Normal Academic

| Subject | Format | Duration | Mode | Scope |
|---------------------------------|---|----------------------------------|---------------|---|
| NA Weighted Assessment 1 | | | | |
| English | Oral | Please refer to the WA1 schedule | e-assessment | Refer to the notes provided by the EL teacher |
| English Literature | Project | Please refer to the WA1 schedule | e-assessment | <i>Romeo and Juliet</i> |
| Mathematics | Structured Questions Approved scientific calculators allowed | 40 minutes | Pen and Paper | Chapter 1: Applications of Trigonometry Chapter 2: Arc Lengths, Sector Areas and Radian Measure Chapter 3: Data Analysis – Measures of Spread |
| Additional Mathematics | Structured Questions Approved scientific calculators allowed | 40 minutes | Pen and Paper | Chapter 7: Coordinate Geometry Chapter 10 & 11: Trigonometry |
| Principles of Accounts | Structured Questions | 40 minutes | Pen and Paper | Chapter 11: Non-current Assets (Except 11.2, 11.6 and 11.7) Chapter 12: Trade Payables Chapter 10: Trade Receivables (Only 10.3) |

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| Combined Science (Chem) | Multiple-Choice Questions | 35 minutes | e-assessment | Chapter 7: Mole Concept and Stoichiometry (exclude 7.3: Stoichiometry) Chapter 11: The Periodic Table Chapter 12: The Reactivity Series |
| Combined Science (Phy) | Multiple-Choice Questions | 35 minutes | e-assessment | Chapter 11: Electromagnetic Spectrum Chapter 13: Electric Charge & Current of Electricity |
| Mother Tongue | Open-ended comprehension | 40 minutes | e-assessment | Skills taught in Sec 4 text/workbooks |
| Mother Tongue “B” syllabus | Multiple-Choice Questions | 40 minutes | e-assessment | Skills taught in Sec 4 text/workbooks |
| Music | Coursework | 5 hours | Blended | Part 1 Compose based on musical/text/context stimuli: Criteria: 1. Creation & Devt of Musical Ideas 2. Musical Coherence |

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| | | | | <p>3. Compositional Understanding of Chosen Medium</p> <p>4i. Communication of Compositional Intentions (Score) OR</p> <p>4ii. Communication of Compositional Intentions in Technological Format (Recording)</p> <p>Part 2 (Reflection Notes) 300-400 words</p> <ul style="list-style-type: none"> - With guided questions and teacher's supervision - Understanding of the creative/ technical challenges in music selected for the performance - Reflection on the musical decisions made in the process of preparation for the performance, including an understanding of the musical styles or contexts that influence their decisions - Use of appropriate technical vocabulary |
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| Humanities (History) | Essay | 30 minutes | Pen and Paper | Defeat of Japan / Germany |
| Humanities (Geography) | Structured Questions | 40 minutes | Pen and Paper | Geography in Everyday Life & Tectonics |
| Humanities (Social Studies) | Structured Questions | 30 minutes | Hybrid: Pen and Paper and e-assessment | Study all Sources Question: Issue 2 |
| Art | Portfolio | Refer to the WA 1 schedule | Art Task | Visual Materials |
| Nutrition & Food Science | Multiple-Choice, short-answer and Open-ended questions. | 45 minutes | Pen and Paper | Diet & health problems, Methods of cooking Meal analysis Meal planning Reactions in Food during Cooking Preparation & cooking of food Food Safety Sensory evaluation of food |
| Design & Technology | Structured Questions Approved scientific calculators allowed | 40 minutes | Pen and Paper | Topic: Electronics |
| NA Weighted Assessment 2 | | | | |
| English | Comprehension | 40 minutes | Pen and Paper | Narrative Comprehension (Text 3) |
| English Literature | Passage-Based Question | 40 minutes | Pen and Paper | <i>Romeo & Juliet</i> |
| Mathematics | Structured Questions Approved scientific calculators allowed | 40 minutes | Pen and Paper | Chapter 3: Data Analysis – Measures of Spread Chapter 4: Probability |

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| | | | | Chapter 5: Properties of Circles |
| Additional Mathematics | Structured Questions Approved scientific calculators allowed | 40 minutes | Pen and Paper | Chapter 8: Circles Chapter 12: Differentiation Chapter 13: Tangents, Normals and Rates of Change |
| Principles of Accounts | Structured Questions | 40 minutes | Pen and Paper | Chapter 10: Trade Receivables (Except 10.3) Chapter 14: Equities (Only 14.1 to 14.4) Chapter 13: Long-term Borrowings |
| Combined Science (Chem) | Multiple-Choice and Structured Questions | 40 minutes | Pen and Paper | Chapter 15: Fuels and Crude Oil Chapter 16: Hydrocarbons Chapter 18: Polymers Chapter 19: Maintaining Air Quality |
| Combined Science (Phy) | Multiple-Choice and Structured Questions | 40 minutes | Pen and Paper | 13) Elec Charge & Current of Electricity 14) D.C. Circuits 15) Practical Electricity |
| Mother Tongue | Essay | 40 minutes | Pen and Paper | Expository |
| Mother Tongue "B" syllabus | Multiple-Choice Questions | 40 minutes | e-assessment | Skills taught in Sec 4 text/workbooks |

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| Music | Music studies | 35 minutes | Pen and Paper | <ul style="list-style-type: none"> • Western Classical Tradition (Classical Era and Romantic Symphony) • Jazz and Popular Music (Cool Jazz and Bebop) • Asian Music (Indian Ensemble Music and Javanese Gamelan) |
| Humanities (History) | Source-based Questions | 30 minutes | Pen and Paper | Origin of Cold War |
| Humanities (Geography) | Structured Questions | 40 minutes | e-assessment | Geography in Everyday Life & Tectonics |
| Humanities (Social Studies) | Structured Questions | 30 minutes | Hybrid: Pen and Paper and e-assessment | Purpose and Utility Question: Issue 3 |
| Nutrition & Food Science | Multiple-Choice, short-answer and Open-ended questions. | 45 minutes | Pen and Paper | Topics: Proteins, Carbohydrates, Fats, Vitamins, Minerals Water & Dietary Fiber & Convenience food |
| Design & Technology | Structured Questions Approved scientific calculators allowed | 40 minutes | Pen and Paper | Topic: Mechanism |
| NA Preliminary Examination | | | | |
| English | Paper 1: Writing Section A: Grammar Editing Section B: Situational Writing | Paper 1: 1 hour 50 minutes Paper 2: 1 hour 50 minutes | Pen and Paper | All skills taught in Sec 1 - 4 |

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| | <p>Section C: Continuous Writing Paper 2 Comprehension Section A: Text Response (Inclusive of Visual Text) Section B: Text Response (Narrative/Recount) Section C: Text Response(non-narrative) + Summary Writing</p> <p>Paper 3 Listening Paper 4 Oral Communication Part 1: Planned Response Part 2: Spoken Interaction</p> | <p>Paper 3: 45 minutes</p> | | |
| English Literature | <p>Paper 1 Section A: <i>The Chrysalids</i> Section B: Unseen Poetry Paper 2 <i>Romeo & Juliet</i> - Attempt 1 essay question and 1 Passage-Based Question</p> | <p>Paper 1: 1 hour 40 minutes</p> <p>Paper 2: 1 hour 30 minutes</p> | Pen and Paper | <p>Paper 1: <i>The Chrysalids</i> Poetry Paper 2: <i>Romeo & Juliet</i></p> |
| Mathematics | Structured Questions Approved scientific calculators allowed | <p>Paper 1: 2 hours</p> <p>Paper 2: 2 hours</p> | Pen and Paper | All topics taught in Sec 1 to Sec 4 |
| Additional Mathematics | Structured Questions Approved scientific calculators allowed | <p>Paper 1: 1 hour 45 minutes</p> <p>Paper 2: 1 hour 45 minutes</p> | Pen and Paper | All topics taught in Sec 3 & Sec 4 |

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| Principles of Accounts | <p>Paper 1 Answer three to four compulsory questions.</p> <p>Paper 2 Answer four compulsory questions.</p> <p>One question requires the preparation of financial statements (20 marks) and one scenario-based question (5 marks).</p> | <p>Paper 1: 1 hour</p> <p>Paper 2: 2 hours</p> | Pen and Paper | All topics taught in Sec 3 & Sec 4 |
| Combined Science (Phy) | Multiple-Choice and Structured questions. | 1 hour 15 minutes | Pen and Paper | 1) Physical Quantities, Units and Measurements 2) Kinematics 3) Force and Pressure 4) Dynamics 6) Energy 7) Kinetic Particle Model of Matter 8) Thermal Processes 9) Wave Property 11) EM Waves 13) Elec Charge, Current Elec 14) DC Circuit 15) Practical Electricity 17) Radioactivity |
| Combined Science (Chem) | Multiple-Choice and Structured questions. | 1 hour 15 minutes | Pen and paper | Chapter 1: Experimental Chemistry Chapter 2: Kinetic Particle Theory Chapter 3: Atomic Structure Chapter 4: Chemical Bonding |

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| | | | | Chapter 5: Structure and Properties of Materials Chapter 6: Chemical Formulae and Equations Chapter 7: Mole Concept and Stoichiometry Chapter 8: Acids and Bases Chapter 11: The Periodic Table Chapter 12: The Reactivity Series Chap 15: Fuels and Crude Oil Chap 16: Hydrocarbons Chap 18: Polymers Chap 19: Maintaining Air Quality |
| Mother Tongue | Paper 1: Email and Essay writing Paper 2: Comprehension and Language Use Paper 3: Oral and Listening Comprehension | Paper 1: 2 hours Paper 2: 1 hour 30 minutes Paper 3: Oral (20 minutes) and Listening Comprehension (30 minutes) | Paper 1 - Pen and Paper Paper 2 - e-assessment | All skills taught in Sec 1 - 4 |
| Mother Tongue "B" syllabus | Paper 1: Composition Paper 2: Comprehension and Language Use Paper 3: Oral and Listening Comprehension | Paper 1: 50 minutes Paper 2: 1 hour | e-assessment | All skills taught in Secondary 1 - 4 |

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| | | Paper 3: Oral (20 minutes) and Listening Comprehension (30 minutes) | | |
| Music | Music Studies, Coursework and Performance (P1, P2 and P3) | Paper 1: 1hour 30minutes Paper 2: 5 hours Paper 3: 30 minutes per student | Paper 1: Pen & Paper Paper 2: Creating Paper 3: Performing | <ul style="list-style-type: none"> • Western Classical Tradition • Jazz • Popular Music • Asian Music |
| Humanities (Social Studies) | Section A [35marks] - SBQ Section B [15marks] - SRQ | 1 hour 45 minutes | Hybrid: Pen and Paper and e-assessment | All chapters |
| Humanities (History) | Section A [30marks] - SBQ Section B [20marks] - SEQ | 1 hour 50 minutes | Pen and Paper | All chapters |
| Humanities (Geography) | Structured questions | 1 hour 45 minutes | Pen and Paper | Geography in Everyday Life & Tectonics |
| Nutrition and Food Science | Multiple-Choice, short-answer and Open-ended questions. | 1 hour 30 minutes | Pen and Paper | All chapters (exclude chapter 10) |
| Design & Technology | Structured Questions Approved scientific calculators allowed | Theory paper:1.5 hours Deadline for coursework – 3 July | Written exam (Pen and paper) + Coursework components | All topics (Mechanism / Electronics/ Design/ Technical skills) |

4 Express and 5 Normal Academic

| Subject | Format | Duration | Mode | Scope |
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| 4Exp & 5NA Weighted Assessment 1 | | | | |
| English | Oral | Refer to the WA1 schedule | e-assessment | Refer to the briefing notes provided by the EL teacher |
| English Literature | 4E: Project 5N: Passage-Based Question | 4E: Refer to WA1 schedule 5N: 40 minutes | 4E: e-assessment 5N: Pen and Paper | <i>Romeo and Juliet</i> |
| Mathematics | Structured Questions Approved scientific calculators allowed | 40 minutes | Pen and Paper | Sec 3: Chapter 9: Arc Lengths, Sector Area, Radian Measure Chapter 10: Properties of Circles Sec 4: Chapter 1: Set Language and Notation Chapter 2: Data Analysis - Measures of Spread |
| Additional Mathematics | Structured Questions Approved scientific calculators allowed | 40 minutes | Pen and Paper | [Sec 4 Express] Chapter 7: Coordinate Geometry Chapter 8: Circles Chapter 11.5 and 11.6: R-Formulae and Applications of Trigonometric Functions [Sec 5 Normal (Academic)] Chapter 5: Exponential Functions and Logarithmic Functions |

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| | | | | Chapter 6: Binomial Theorem Chapter 9: Applications of Straight Line Graphs |
| Principles of Accounts | Structured Questions | 40 minutes | Pen and Paper | Chapter 12: Trade Payables Chapter 10: Trade Receivables |
| Combined Science (Phy) | Multiple-Choice Questions | 35 minutes | e-assessment | Chapter 12: Light Chapter 13: Electric Charge & Current Electricity |
| Combined Science (Phy) <i>applicable for Sec 5 only</i> | Multiple-Choice Questions | 30 minutes | e-assessment | Chapter 5: Turning Effect of Forces Chapter 9: General Wave Properties I Chapter 10: Sound (general wave properties II) |
| Combined Science (Chem) | Multiple-Choice Questions | 35 minutes | e-assessment | Chapter 7: Mole Concept and Stoichiometry (exclude 7.3: Stoichiometry) Chapter 11: The Periodic Table Chapter 12: The Reactivity Series |
| Combined Science (Bio) | Multiple-Choice Questions | 35 minutes | e-assessment | Chapter 8: Infectious Diseases in Humans Chapter 9: Nutrition and Transport in Flowering Plants |
| Physics | Multiple-Choice Questions | 35 minutes | e-assessment | Chapters 13, 14, 15 13: EM Waves 14: Light 15: Static Electricity |
| Chemistry | Multiple-Choice Questions | 35 minutes | e-assessment | Chapter 14: The Periodic Table Chapter 15: The Reactivity Series |
| Biology | Multiple-Choice Questions | 35 minutes | e-assessment | Ch 8. Excretion in Humans Ch 9. Homeostasis and Hormonal Control Ch 10. The Nervous System and the Eye |

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| Mother Tongue | Open-ended comprehension | 40 minutes | Pen and Paper | Skills taught in Sec 4 text/workbooks |
| Higher Chinese | Email or forum | 40 minutes | Pen and Paper | Skills taught in Sec 4 text/workbooks |
| Mother Tongue “B” syllabus | Multiple-Choice Questions | 40 minutes | e-assessment | Skills taught in Sec 4 text/workbooks |
| History (2174) | Essay | 40 minutes | e-assessment | End of WW2 |
| Humanities (Hist) | Essay | 30 minutes | Pen and Paper | Defeat of Japan / Germany |
| Humanities (Geo) | Structured Questions | 40 minutes | Pen and Paper | Geography in Everyday Life & Tourism |
| Social Studies | Structured Questions | 30 minutes | Pen and Paper | Study all Sources Question: Issue 2 |
| Art | Portfolio | Refer to the WA1 schedule | Art Task | Visual materials |
| Music | Coursework | 5 hours | Blended | <p>Part 1 Compose based on musical/text/context stimuli: Criteria:</p> <ol style="list-style-type: none"> 1. Creation & Devt of Musical Ideas 2. Musical Coherence 3. Compositional Understanding of Chosen Medium 4i. Communication of Compositional Intentions (Score) OR 4ii. Communication of Compositional Intentions in Technological Format (Recording) <p>Part 2 (Reflection Notes) 300-400 words</p> <ul style="list-style-type: none"> - With guided questions and the teacher's supervision - Understanding of the creative/ technical challenges in music selected for the performance - Reflection on the musical decisions made in the process of preparation for the performance, including an understanding |

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| | | | | of the musical styles or contexts that influence their decisions - Use of appropriate technical vocabulary |
| Design & Technology | Structured Questions Approved scientific calculators allowed | 40 minutes | Pen and Paper | Topic: Structure |
| 4Exp & 5NA Weighted Assessment 2 | | | | |
| English | Comprehension | 40 minutes | Pen and Paper | Narrative comprehension |
| English Literature | Passage-Based Question | 40 minutes | Pen and Paper | <i>Romeo and Juliet</i> |
| Mathematics | Structured Questions Approved scientific calculators allowed | 40 minutes | Pen and Paper | <p>[4 Express] Chapter 2: Data Analysis - Measures of Spread Chapter 3: Probability Chapter 4: Matrices</p> <p>[5 Normal (Academic)] Properties of Circles Sketching the Graphs of Quadratic Functions Simultaneous Linear Inequalities Conditions of Congruence and Similarity</p> |
| Additional Mathematics | Structured Questions Approved scientific calculators allowed | 40 minutes | Pen and Paper | <p>[Sec 4 Express] Chapter 9: Applications of Straight Line Graphs Chapter 12: Differentiation Chapter 15: Differentiation of Trigonometric, Exponential and Logarithmic Functions Chapter 13: Tangents, Normals and Rates of Change</p> <p>[Sec 5 Normal (Academic)] Chapter 12: Differentiation</p> |

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| | | | | Chapter 13: Tangents, Normals and Rates of Change Chapter 14: Maxima and Minima problems Chapter 15: Differentiation of Trigonometric, Exponential and Logarithmic Functions |
| Principles of Accounts | Structured Questions | 40 minutes | Pen and Paper | Chapter 14: Equities Chapter 15: Correction of Errors Chapter 16: Financial Statements Analysis (Only 16.2) |
| Combined Science (Phy) | Multiple-Choice and Structured Questions | 40 minutes | Pen and Paper | Chp 14: DC Circuits, Chp 15: Practical electricity, Chp16: Magnetism & electromagnetism |
| Combined Science (Phy) applicable for Sec 5 only | Multiple-Choice and Structured Questions | 40 minutes | Pen and Paper | Chapter 12: Light Chp 13: Electric Charge & Current electricity Chapter 16: Magnetism and Electromagnetism |
| Combined Science (Chem) | Multiple-Choice and Structured Questions | 40 minutes | Pen and Paper | Chapter 9: Qualitative Analysis Chapter 10: Oxidation and Reduction Chapter 13: Chemical Energetics Chapter 14: Rate of Reactions |
| Combined Science (Bio) | Multiple-Choice and Structured Questions | 40 minutes | Pen and Paper | Chapter 9: Nutrition and Transport in Flowering Plants Chapter 10: Organisms and Their Environment Chapter 11: Molecular Genetics |
| Physics | Multiple-Choice and Structured Questions | 40 minutes | Pen and Paper | Chapters 1 to 7, 16, 17, 18 |

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| | | | | <ol style="list-style-type: none"> 1. Physical Quantities, Units and Measurements 2. Kinematics 3. Dynamics: Mass & Weight 4. Dynamics: Forces 5. Turning Effects of Forces 6. Pressure 7. Energy 16 Current of Electricity 17 D.C. Circuits 18 Practical Electricity |
| Chemistry | Multiple-Choice and Structured Questions | 40 minutes | Pen and Paper | Chapter 11: Qualitative Analysis Chapter 12: Oxidation and Reduction Chapter 13: Electrochemistry Chapter 16: Chemical Energetics Chapter 17: Rate of Reactions |
| Biology | Multiple-Choice and Structured Questions | 40 minutes | Pen and Paper | Ch 11. Infectious Diseases in Humans Ch 14. Molecular Genetics Ch 15. Modes of Reproduction Ch 16. Reproduction in Plants |
| Mother Tongue | Essay | 40 minutes | Pen and Paper | Expository |
| Mother Tongue "B" syllabus | Multiple-Choice Questions | 40 minutes | e-assessment | Skills taught in Sec 4 text/workbooks |
| History (2174) | SBCS | 30 minutes | Hybrid: Hardcopy QP / e-Assessment | Cold War related topics |
| Combined Humanities (Hist) | Structured Questions | 30 minutes | Pen and Paper | Origin of Cold War |
| Combined Humanities (Geo) | Structured Questions | 40 minutes | Pen and Paper | Geography in Everyday Life & Tourism |

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| Social Studies | Structured Questions | 30 minutes | Pen and Paper | Purpose and Utility Question: Issue 3 |
| Art | Portfolio | Refer to the WA2 schedule | Art Task | Commentary |
| Music | Music studies | 35 minutes | Pen and Paper | Western Classical Tradition (Classical Era and Romantic Symphony) Jazz and Popular Music (Cool Jazz and Bebop) Asian Music (Indian Ensemble Music and Javanese Gamelan) |
| Design & Technology | Structured Questions Approved scientific calculators allowed | 40 minutes | Pen and Paper | Topic: Electronics |

4Exp & 5NA Preliminary Examination

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| English | Paper 1: 1 Writing Section A: Grammar Editing Section B: Situational Writing Section C: Continuous Writing Paper 2 Comprehension Section A: Text Response (Inclusive of Visual Text) Section B: Text Response (Narrative/Recount) Section C: Text Response(non-narrative) + Summary Writing Paper 3 Listening Paper 4 Oral Communication Part 1: Planned Response Part 2: Spoken Interaction | Paper 1: 1 hour 50 minutes Paper 2: 1 hour 50 minutes Paper 3: 45 minutes | Pen and Paper | All skills taught in Sec 1-4 |
| English Literature | Paper 1 | Paper 1: | Pen and Paper | Paper 1: |

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| | <p>Section A: <i>The Chrysalids</i> Section B: Unseen Poetry Paper 2 <i>Romeo & Juliet</i> - Attempt 1 essay question and 1 Passage-Based Question</p> | <p>1 hour 40 minutes Paper 2: 1 hour 30 minutes</p> | | <p><i>The Chrysalids</i> Poetry Paper 2: <i>Romeo & Juliet</i></p> |
| Mathematics | Structured Questions Approved scientific calculators allowed | <p>Paper 1: 2 hours 15 minutes</p> <p>Paper 2: 2 hours 15 minutes</p> | Pen and Paper | <p>[4 Express] All topics taught in Sec 1 to Sec 4</p> <p>[5 Normal (Academic)] All topics taught in Sec 1 to Sec 5</p> |
| Additional Mathematics | Structured Questions Approved scientific calculators allowed | <p>Paper 1: 2 hours 15 minutes</p> <p>Paper 2: 2 hours 15 minutes</p> | Pen and Paper | <p>[4 Express] All topics taught in Sec 3 & Sec 4</p> <p>[5 Normal (Academic)] All topics taught in Sec 3 to Sec 5</p> |
| Principles of Accounts | <p>Paper 1 Answer three to four compulsory questions.</p> <p>Paper 2 Answer four compulsory questions.</p> <p>One question requires the preparation of financial statements (20 marks) and one scenario-based question (7 marks)</p> | <p>Paper 1: 1 hour</p> <p>Paper 2: 2 hours</p> | Pen and Paper | <p>[4 Express] All topics taught in Sec 3 & Sec 4</p> <p>[5 Normal (Academic)] All topics taught in Sec 3 to Sec 5</p> |
| Combined Science (Phy) | <p>Paper 1 (20 m MCQ) Paper 2 (65 m Structured) Paper 5 (15 m Practical)</p> | <p>Paper 1: 1 hr (with sc chem) Paper 2: 1h 15min Paper 5: 1h 30 min (with sc chem)</p> | Pen and Paper | <p>1) Physical Quantities, Units and Measurements 2) Kinematics 3) Force and Pressure 4) Dynamics 5) Turning Effects of Forces 6) Energy</p> |

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| | | | | 7) Kinetic Particle Model of Matter 8) Thermal Processes 9) Wave Property 10) Sound 11) EM Waves 12) Light 13) Elec Charge, Current Elec 14) DC Circuit 15) Practical Electricity 16) Magnetism & Electromagnetic 17) Radioactivity |
| Combined Science (Chem) | Paper 1 MCQ [40 marks] (Chem = 20 marks; Phy/Bio = 20 marks) Paper 3 Structured & Free Response [65 marks] (Section A = 55 marks; Section B = 10 marks) Paper 5 Practical [30 marks] (Chem = 15 marks; Phy/Bio = 15 marks) | Paper 1: 1 hr (with sc Phy/Bio) Paper 2: 1h 15min Paper 5: 1h 30 min (with sc Phy/Bio) | Paper 1 & 3: Pen & Paper Paper 5: Practical | 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 7: Mole Concept and Stoichiometry Chapter 8: Acids and Bases Chapter 9: Qualitative Analysis Chapter 10: Oxidation and Reduction Chapter 11: The Periodic Table Chapter 12: The Reactivity Series Chapter 13: Chemical Energetics Chapter 14: Rate of Reactions Chapter 15: Fuels and Crude Oil Chapter 16: Hydrocarbons Chapter 17: Alcohols and Carboxylic Acids Chapter 18: Polymers Chapter 19: Maintaining Air Quality |
| Combined Science (Bio) | Paper 1 (20m) Paper 4 (A: 55m, B: 10m {2 choose 1}) | Paper 1: 1 hr (with sc chem) Paper 4: 1h 15min | Pen and Paper | Chapter 1: Cell structure and organisation Chapter 2: Movement of substances Chapter 3: Biological Molecules |

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| | Paper 5 (15m) | Paper 5: 1h 30 min (with sc chem) | | Chapter 4: Enzymes Chapter 5: Nutrition in Humans Chapter 6: Transport in Humans Chapter 7: Respiration in Humans Chapter 8: Infectious Diseases in Humans Chapter 9: Nutrition and Transport in Flowering Plants Chapter 10: Organisms and Their Environment Chapter 11: Molecular Genetics Chapter 12: Reproduction in Humans Chapter 13: Inheritance |
| Physics | P1 (MCQ) - 40m P2 (Structured Q) - 80m P3 (Practical) - 40m | Paper 1: 1 hour Paper 2: 1 hour 45 minutes Paper 3: 1 hour 50 minutes | Pen and Paper | Chapters 1 to 22 + practical 1. Physical Quantities, Units and Measurements 2. Kinematics 3. Dynamics: Mass & Weight 4. Dynamics: Forces 5. Turning Effects of Forces 6. Pressure 7. Energy 8. Kinetic Particle Model of Matter 9. Thermal Processes 10 Thermal Properties of Matter 11 General Wave Properties I: Introduction 12 General Wave Properties II: Sound 13 EM Waves 14 Light 15 Static Electricity 16 Current of Electricity 17 D.C. Circuits 18 Practical Electricity 19. Magnetism 20. Electromagnetism 21. Electromagnetic Induction 22. Radioactivity |

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| Chemistry | <p>Paper 1 MCQ [40 marks] (40 MCQ)</p> <p>Paper 2 Structured & Free Response [80 marks] (Section A = 70 marks; Section B = 10 marks)</p> <p>Paper 3 Practical [40 marks] (PDO + MMO + ACE = 34 marks; P = 6 marks)</p> | <p>Paper 1: 1 hour</p> <p>Paper 2: 1 hour 45 minutes</p> <p>Paper 3: 1 hour 50 minutes</p> | <p>Paper 1 & 2: Pen & Paper</p> <p>Paper 3: Practical</p> | <p>Chapter 1: Experimental Chemistry</p> <p>Chapter 2: Kinetic Particle Theory</p> <p>Chapter 3: Atomic Structure</p> <p>Chapter 4: Chemical Bonding</p> <p>Chapter 5: Structure and Properties of Materials</p> <p>Chapter 6: Chemical Formulae and Equations</p> <p>Chapter 7: Mole Concept and Stoichiometry</p> <p>Chapter 8: Acids and Bases</p> <p>Chapter 9: Salts</p> <p>Chapter 10: Ammonia</p> <p>Chapter 11: Qualitative Analysis</p> <p>Chapter 12: Oxidation and Reduction</p> <p>Chapter 13: Electrochemistry</p> <p>Chapter 14: The Periodic Table</p> <p>Chapter 15: The Reactivity Series</p> <p>Chapter 16: Chemical Energetics</p> <p>Chapter 17: Rate of Reactions</p> <p>Chapter 18: Fuels and Crude Oil</p> <p>Chapter 19: Hydrocarbons</p> <p>Chapter 20: Alcohols, Carboxylic Acids and Esters</p> <p>Chapter 21: Polymers</p> <p>Chapter 22: Maintaining Air Quality</p> |
| Biology | <p>P1 (MCQ) - 40m</p> <p>P2 (Structured) - 80m</p> <p>P3 (Practical) - 40m</p> | <p>Paper 1: 1 hour</p> <p>Paper 2: 1 hour 45 minutes</p> <p>Paper 3: 1 hour 50 minutes</p> | <p>Pen and Paper</p> | <p>Ch 1. Cell Structure and Organisation</p> <p>Ch 2. Movement of substances</p> <p>Ch 3. Biological molecules</p> <p>Ch 4. Enzymes</p> <p>Ch 5. Nutrition in Humans</p> <p>Ch 6. Transport in Humans</p> <p>Ch 7. Respiration in Humans</p> <p>Ch 8. Excretion in Humans</p> <p>Ch 9. Homeostasis and Hormonal Control</p> <p>Ch 10. The Nervous System and the Eye</p> <p>Ch 11. Infectious Diseases in Humans</p> |

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| | | | | Ch 12. Nutrition and Transport in Flowering Plants Ch 13. Organisms and Their Environment Ch 14. Molecular Genetics Ch 15. Modes of Reproduction Ch 16. Reproduction in Plants Ch 17. Reproduction in Humans Ch 18. Inheritance |
| Mother Tongue | Paper 1: Email and Essay writing Paper 2: Comprehension and Language Use Paper 3: Oral and Listening Comprehension | Paper 1: 2 hours Paper 2: 1 hour 30 minutes Paper 3: Oral (20 minutes) and Listening Comprehension (30 minutes) | Pen and paper | All skills taught from Secondary 1 to 4 |
| Mother Tongue "B" syllabus | Paper 1: Composition Paper 2: Comprehension and Language Use Paper 3: Oral and Listening Comprehension | Paper 1: 50 minutes Paper 2: 1 hour Paper 3: Oral (20 minutes) and Listening Comprehension (30 minutes) | e-assessments | All skills taught from Secondary 1 to 4 |
| Higher Mother Tongue | Paper 1: Email and Essay writing Paper 2: Comprehension and Language Use | Paper 1: 2 hours Paper 2: | Pen and paper | All skills taught from Secondary 1 to 4 |

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| | Paper 3: Oral | 1 hour 45 minutes Paper 3: Oral (20 minutes) | | |
| History (2174) | P1&P2: SBCS - 30m Essay - 20m | Paper 1: 1hour 50 minutes Paper 2: 1hour 50 minutes | Hybrid: Hardcopy QP / e-Assessment | P1: Sec 3 Topics P2: Sec 4 Topics |
| Humanities (Hist) | Section A [30marks] - SBQ Section B [20marks] - SEQ | 1hour 50 minutes | Pen and Paper | Chap 1 - 5 |
| Humanities (Geo) | Structured questions | 1hour 45 minutes | Pen and Paper | Geography in Everyday Life & Tectonics |
| Social Studies | Section A [35marks] - SBQ Section B [15marks] - SRQ | 1hour 45 minutes | Pen and Paper | All chapters |
| Art | Paper 1: Visual Response | Paper 1: 2 hours 15minutes | Pen & Paper | Refer to the briefing instructions |
| Music | Music Studies, Coursework and Performance (P1, P2 and P3) | Paper 1: 1hour 30minutes Paper 2: 5 hours Paper 3: 30 minutes per student | Paper 1: Pen & Paper Paper 2: Creating Paper 3: Performing | Western Classical Tradition Jazz Popular Music Asian Music |
| Design & Technology | Structured Questions Approved scientific calculators allowed | 2 hours Coursework internal school deadline - 20 July | Pen and paper Coursework components | All topics (Structure/ Mechanism / Electronics/ Design/ Technical skills) |