

Assessment Topics for Secondary Four and Five

| English Language | | Secondary 4 Express / 5 NA | Secondary 4 NA | Secondary 4 NT |
|------------------|---------------------------------|---|---|--|
| Term | Weighted Assessment / Component | Topics to be tested | Topics to be tested | Topics to be tested |
| 1 | WA1 | Situational writing | Situational writing | Non-narrative comprehension |
| 2 | WA2 | Comprehension and editing | Comprehension and editing | Situational writing |
| 3 | Preliminary examination | Editing, Situational Writing and Continuous Writing Visual Text, Comprehension and Summary Listening comprehension Planned Response and Spoken Interaction | Editing, Situational Writing and Continuous Writing Visual Text, Comprehension and Summary Listening comprehension Planned Response and Spoken Interaction | Editing, Situational Writing and Continuous Writing Language Use and Reading Comprehension Listening comprehension Reading Aloud and Spoken Interaction |

| Mother Tongue | | Secondary 4 Express / 5 NA | Secondary 4 NA | Secondary 4 NT |
|---------------|---------------------------------|---|---|--|
| Term | Weighted Assessment / Component | Topics to be tested | Topics to be tested | Topics to be tested |
| 1 | WA1 | Vocabulary, Comprehension | Vocabulary, Comprehension | Vocabulary, Comprehension |
| 2 | WA2 | Not applicable | Email and Composition | Vocabulary, Comprehension |
| 3 | Preliminary examination | Email and Composition Vocabulary, Comprehension Oral, Listening Comprehension | Email and Composition Vocabulary, Comprehension Oral, Listening Comprehension | Vocabulary Comprehension Oral Listening Comprehension |

| Combined Science (Express) | | Secondary 4 Express / 5 NA | | |
|----------------------------|---------------------------------|---|--|--|
| Term | Weighted Assessment / Component | Topics to be tested (chemistry) | Topics to be tested (physics) | Topics to be tested (biology) |
| 1 | WA1 | Chem: Chp 7 - Mole Concept & Stoichiometry Chp 13- Chemical Energetics Chp 14 - The Periodic Table | Phy: Chp 9 - General Waves 1 Chp 10 - General Waves 2 Chp 11 - EM Waves | Bio: Chp 9 - Nutrition & Transport in Flowering Plants Chp 10 - Organisms and Their Environment |
| 2 | WA2 | Chem: Chp 8 - Acids and Bases (Prior Knowledge) Chp 9 - Qualitative Analysis Chp 10 - Oxidation and Reduction Chp 14 - Rate of Reaction | Phy: Chp 12 - Light Chp 13 - Electric charge & Current Electricity Chp 14 - D.C Circuit | Bio: Chp 10 - Organisms and Their Environment Chp 11 - Molecular Genetics Chp 12 - Reproduction in Humans |
| 3 | Preliminary examination | All topics in the syllabus | All topics in the syllabus | All topics in the syllabus |

| Combined Science (NA) | | Secondary 4 NA | | |
|-----------------------|---------------------------------|---|---|---|
| Term | Weighted Assessment / Component | Topics to be tested (chemistry) | Topics to be tested (physics) | Topics to be tested (biology) |
| 1 | WA1 | Chem: Chp 7 - Mole Concept Chp 11 - The Periodic Table Chp 12 - The Reactivity Series (Part 1) | Phy: Chp 7 - Thermal Processes Chp 8 - General Waves I Chp 9 - EM Waves | Bio: Chp 7 - Respiration in Humans Chp 8 - Infectious Diseases in Humans Chp 9 - Nutrition & Transport in Flowering Plants |
| 2 | WA2 | Chem: Chp 15 - Fuels and Crude Oil Chp 16 - Hydrocarbons Chp 18 - Polymers Chp 19 - Maintaining Air Quality | Phy: Chp 10 - Electric Charge and Current of Electricity Chp 11 - D.C Circuit Chp 12 - Practical Electricity Chp 13 - Radioactivity | Bio: Chp 2 - Movement of Substances Chp 3 - Biological Molecules Chp 9 - Nutrition & Transport in Flowering Plants |
| 3 | Preliminary examination | All topics in the syllabus | All topics in the syllabus | All topics in the syllabus |

| Pure Science (Express) | | Secondary 4 Express / 5 NA | | |
|------------------------|---------------------------------|---|--|--|
| Term | Weighted Assessment / Component | Topics to be tested (pure chemistry) | Topics to be tested (pure physics) | Topics to be tested (pure biology) |
| 1 | WA1 | Chem: Chp 7 - Mole Concept & Stoichiometry Chp 13- Chemical Energetics Chp 14 - The Periodic Table | Phy: Chp 14 - Light Chp 15 - Static Electricity Chp 16 - Current of Electricity Chp 17- D.C. Circuits | Bio: Chp 10 - The Nervous System & The Eye Chp 11 - Infectious Diseases in Humans Chp 12 - Nutrition and Transport in Flowering Plants |
| 2 | WA2 | Chem: Chp 8 - Acids and Bases (Prior Knowledge) Chp 9 - Qualitative Analysis Chp 10 - Oxidation and Reduction Chp 11 - Rate of Reaction | Phy: Chp 18- Practical Electricity Chp 19 - Magnetism Chp 20 - Electromagnetism Chp 21 - Electromagnetic Induction | Bio: Chp 13 - Organisms and Their Environment Chp 14 - Molecular Genetics Chp 15 - Modes of Reproduction Chp 16 - Reproduction in Plants (part of) |
| 3 | Preliminary examination | All topics in the syllabus | All topics in the syllabus | All topics in the syllabus |

| Science (NT) | | Secondary 4 NT |
|--------------|---------------------------------|--|
| Term | Weighted Assessment / Component | Topics to be tested |
| 1 | WA1 | Chp 8 - Staying Healthy Chp 9 - Digestion |
| 2 | WA2 | Chp 10 - Breathing Chp 11 - Blood Circulation |
| 3 | Preliminary examination | All topics in syllabus |

| Mathematics | | Secondary 4 Express | Secondary 4 NA | Secondary 4 NT | Secondary 5 NA |
|-------------|---------------------------------|--|--|---|--|
| Term | Weighted Assessment / Component | Topics to be tested | Topics to be tested | Topics to be tested | Topics to be tested |
| 1 | WA1 | Sec 3 Chapter 9: Arc Lengths, Sector Areas and Radian Measure Sec 3 Chapter 10: Properties of Circles Sec 4 Chapter 1: Set Language and Notation | Chapter 1: Applications of Trigonometry Chapter 3: Data Analysis | Chapter 1: Fractional Equations Chapter 2: Graphs of Quadratic Functions | Chapter 1: Sketching Quadratic Functions Chapter 4: Set Language and Notation Chapter 5: Matrices (till multiplication; no applications) |
| 2 | WA2 | Chapter 2: Data Analysis Chapter 3: Probability Chapter 4: Matrices Chapter 5.1: Introduction to Vectors | Chapter 2: Arc Length, Sector Area Chapter 4: Probability Chapter 5: Circle Properties | Chapter 3: Quadratic Equations Chapter 4: Trigonometry | Chapter 5: Matrices Chapter 2: Linear Inequalities Chapter 3: Congruency and Similarity Chapter 6: Vectors |
| 3 | Preliminary examination | All topics in Syllabus | All topics in Syllabus | All topics in Syllabus | All topics in Syllabus |

| Additional Mathematics | | Secondary 4 Express | Secondary 4 NA | Secondary 5 NA |
|------------------------|---------------------------------|---|--|---|
| Term | Weighted Assessment / Component | Topics to be tested | Topics to be tested | Topics to be tested |
| 1 | WA1 | Chapter 9 Application of Straight Line Graphs Chapter 10 Trigonometric Functions Chapter 11 Simple Trigonometric Identities | Chapter 11: Trigonometric Identities and Equations Chapter 12: Differentiation | Chapter 5: Exponential and Logarithmic Functions Chapter 6: Binomial Theorem |
| 2 | WA2 | Chapter 11 Trigonometric Identities and Equations Chapter 12 Differentiation Chapter 13 Tangent, Normal and Rates of Change | Chapter 12: Differentiation Chapter 13: Tangents, Normals, Rates of Change Chapter 14: Maxima and Minima | Chapter 9: Applications of Straight Line Graphs Chapter 15: Differentiation of Trigo, Exp and Log Functions Chapter 16.2 : Integration of Trigo Functions |
| 3 | Preliminary examination | All topics in Syllabus | All topics in Syllabus | All topics in Syllabus |

| Humanities | | Secondary 4 Express | | |
|------------|---------------------------------|--------------------------------------|--------------------------------------|---|
| Term | Weighted Assessment / Component | Topics to be tested (Social Studies) | Topics to be tested (History) | Topics to be tested (Geography) |
| 1 | WA1 | Issue 2 | SBQ: Chapter 4 SEQ: Chapters 5, 6 | Tectonics Cluster Topics 2.2 - 2.4, 3.2 |
| 2 | WA2 | Issue 3 | Chapter 7, 8 | Tectonics Cluster Topics 3.1, 3.3, 3.4 Tourism Topic 1 |
| 3 | Preliminary examination | All skills and all chapters | All topics as per syllabus | All topics in syllabus |

| Humanities | | Secondary 5 NA | | |
|------------|---------------------------------|--------------------------------------|--|---------------------------------|
| Term | Weighted Assessment / Component | Topics to be tested (Social Studies) | Topics to be tested (History) | Topics to be tested (Geography) |
| 1 | WA1 | Issue 3 SRQ 7 (Chapter 10) | SBQ: Chapter 2 (from Sec 3 History Textbook) SEQ: Chapter 3 | Tourism Topic 1 |
| 2 | WA2 | Issue 1 and 2 | Chapter 7, 8, 9 | Tourism Topics 1 and 2 |
| 3 | Preliminary examination | All skills and all chapters | All topics as per syllabus | All topics |

| Humanities | | Secondary 4 NA | | |
|------------|---------------------------------|--------------------------------------|-----------------------------------|---|
| Term | Weighted Assessment / Component | Topics to be tested (Social Studies) | Topics to be tested (History) | Topics to be tested (Geography) |
| 1 | WA1 | Issue 2 Chapter 6 | SBO: Chapter 4 SEQ: Chapters 6 | Tectonics Cluster Topics 1.3, 1.4, 2.1+2.4 (Earthquakes) |
| 2 | WA2 | Issue 3 | Chapter 7, 9, 10 | Tectonics Cluster Topics 2.2+2.4 (Volcanoes), 2.3, 3.1, 3.2 |
| 3 | Preliminary examination | All skills and all chapters | All topics as per syllabus | All topics in syllabus |

| Literature | | Secondary 4 Express | Secondary 4 NA | Secondary 5 NA |
|------------|---------------------------------|--|---------------------------|-----------------------------|
| Term | Weighted Assessment / Component | Topics to be tested | Topics to be tested | Topics to be tested |
| 1 | WA1 | Boom PBQ | How We Live Now Section A | Games at Twilight Section A |
| 2 | WA2 | Unseen Poetry Response | Unseen Poetry Response | Unseen Poetry Response |
| 3 | End of Year Examination | Paper 1 Full Paper Paper 2 Full Paper | Paper 2 Full Paper | Paper 2 Full Paper |

| Design and Technology | | Secondary 4 Express / 5 NA | Secondary 4 NA | Secondary 4 NT |
|-----------------------|---------------------------------|--|---|---|
| Term | Weighted Assessment / Component | Topics to be tested | Topics to be tested | Topics to be tested |
| 1 | WA1 | 1. Electricity and electronics | 1. Electricity and electronics | 1. Electricity and electronics |
| 2 | WA2 | 1. Structures 2. Mechanisms | 1. Mechanisms | 1. Mechanisms |
| 3 | Preliminary examination | 1. Design process 2. Structures 3. Mechanisms 4. Electronics. | 1. Design process 2. Mechanisms 4. Electronics. | 1. Design process 2. Mechanisms 3. Electronics. |

| Nutrition and Food Science | | Secondary 4 Express / 5 NA | Secondary 4 NA |
|----------------------------|---------------------------------|--|---|
| Term | Weighted Assessment / Component | Topics to be tested | Topics to be tested |
| 1 | WA1 | Sustainable Food Consumption & Convenience Food | Diet and Meal Planning & Diet and Health Problems |
| 2 | WA2 | Reactions in Food during Preparation and Cooking & Preparation and Cooking of Food | Convenience Food & Food Safety |
| 3 | Preliminary examination | Selected topics for Prelim Paper | Selected topics for Prelim Paper |

| Art | | Secondary 4 Express / 5 NA | Secondary 4 NA |
|------|---------------------------------|---|---|
| Term | Weighted Assessment / Component | Topics to be tested | Topics to be tested |
| 1 | WA1 | Technical Control of selected wet and dry mediums | Technical Control of selected wet and dry mediums |
| 2 | WA2 | Coursework | Coursework |
| 3 | Preliminary examination | Coursework | Coursework |

| Principles of Accounts | | Secondary 4 Express | Secondary 4 NA | Secondary 5 NA |
|------------------------|---------------------------------|---|---|--|
| Term | Weighted Assessment / Component | Topics to be tested | Topics to be tested | Topics to be tested |
| 1 | WA1 | 1) Trade Payables 2) Trade Receivables | 1) Trade Payables 2) Trade Receivables | 1) Equities (Companies) 2) Sale of Non-Current Assets |
| 2 | WA2 | 1) Cost of sales and Other Expenses 2) Revenue and Other Income 3) Correction of Errors | 1) Cost of sales and Other Expenses 2) Revenue and Other Income 3) Correction of Errors | 1) Correction of Errors 2) Financial Statement Analysis |
| 3 | Preliminary examination | All topics | All topics | All topics |

| Computer Applications | | Secondary 4 NT |
|-----------------------|---------------------------------|--|
| Term | Weighted Assessment / Component | Topics to be tested |
| 1 | WA1 | 1) Computer Fundamentals (CPF) 2) Document Processing (DOP) 3) Animation and Game Making (AGM) |
| 2 | WA2 | 1) Spreadsheets (SST) 2) Interactive Multimedia Communication (IMC) 3) Animation and Game Making (AGM) |
| 3 | Preliminary examination | <p><u>Paper 1 (MCQ & Written)</u> 1) Computer Fundamentals (CPF) 2) Media Elements 3) Document Processing (DOP) 4) Interactive Multimedia Communication (IMC) 5) Spreadsheets (SST) 6) Animation and Game Making (AGM)</p> <p><u>Paper 2 (Practical tasks)</u> 1) Media Elements (MEL) 2) Document Processing (DOP) 3) Interactive Multimedia Communication (IMC)</p> <p>Students will carry out 3 tasks involving a) Computer graphics software to create a drawing b) Word processing software to format a document and perform mail merge using a given source data c) Presentation software to create a multimedia slide presentation</p> <p><u>Paper 3 (Practical Tasks)</u> 1) Media Elements (MEL) 2) Spreadsheets (SST) 3) Animation and Game Making (AGM)</p> <p>Students will carry out 3 tasks involving a) Video editing software to create a video file b) Spreadsheet software to edit a spreadsheet and create charts c) Programming software to create a simple game</p> |