

Assessment Topics for Secondary Four and Five

Please note that subject teachers will inform students directly should there be any changes.

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	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		
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 11 - The Periodic Table Chp 13 - Chemical Energetics	Phy: Chp 10 - General Waves 2(Sound) Chp 11 - EM Waves Chp 12 - Light	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 (Express)		Secondary 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 1 - Experimental Techniques Chp 8 - Acids and Bases Chp 9 - Qualitative Analysis	Phy: chp 5- Turning Effects of Forces chp 10- General Waves II (Sound) chp 12- Light	Bio: Molecular Genetics Heredity
2	WA2	Chem: Chp 7 - Mole Concept and Stoichiometry Chp 10 - Oxidation and Reduction Chp 13 - Chemical Energetics Chp 14 - Rate of Reaction	Phy: chp 12- Light chp 16- Magnetism/Electromagnetism	Bio: Organisms and their environment, Molecular Genetics Reproduction in Humans
3	Preliminary examination	All topics in the syllabus, starting from Secondary 3	All topics in the syllabus, starting from Secondary 4	All topics in the syllabus, starting from Secondary 5

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 10 - Electric Charge and Current of Electricity Chp 11 - D.C Circuit	Bio: Chp 7 - Respiration in Humans Chp 8 - Infectious Diseases in Humans Chp 9 - Nutrition & Transport in Flowering Plants
2	WA2	Chem: Chp 12 - The Reactivity Series Chp 15 - Fuels and Crude Oil Chp 16 - Hydrocarbons	Phy: Chp 11 - D.C Circuit Chp 12 - Practical Electricity Chpt 13 : Radioactivity	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		
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 and Stoichiometry Chp 13 - Electrolysis Chp 14 - The Periodic Table Chp 17 - Rate of Reactions	Phy: Chp 14 - Light Chp 15 - Static Electricity Chp 16 - Current of Electricity Chp 17 - D.C. Circuits	Bio: Chp 11 - Infectious Diseases in Humans Chp 12 - Nutrition and Transport in Flowering Plants Chp 13 - Organisms and Their Environment
2	WA2	Chem: Chp 15 - The Reactivity Series Chp 16 - Chemical Energetics Chp 18 - Fuels & Crude Oil Chp 19 - Hydrocarbons Chp 20 - Alcohols & Carboxylic Acids	Phy: Chpt 18 - Practical Electricity Chpt 19 - Magnetism Chp 20 - Electromagnetism Chp 21 - Electromagnetic Induction	Bio: Chp 14 - Molecular Genetics Chp 15 - Modes of Reproduction Chp 16 - Reproduction in Plants
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	Sec 3 Chapter 7: Graphs of Power Functions Chapter 1: Applications of Trigonometry	Chapter 1: Fractional Equations Chapter 2: Graphs of Quadratic Functions	Chapter 1: Sketching Quadratic Functions Chapter 4: Set Language and Notation Chapter 5: Matrices
2	WA2	Chapter 2: Data Analysis Chapter 3: Probability Chapter 4: Matrices Chapter 5: Vectors	Chapter 3: Data Analysis Chapter 2: Arc Length, Sector Area Chapter 4: Probability Chapter 5: Circle Properties	Chapter 3: Quadratic Equations Chapter 4: Trigonometry Revision Chap 1.1 Numbers, Operations, Indices and Statistics Revision Chap 1.2 Ratio, Proportion and Map Scales Revision Chap 1.3 Percentage Revision Chap 1.4 Rate and Speed	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 5 NA
Term	Weighted Assessment / Component	Topics to be tested	Topics to be tested
1	WA1	Chapter 10 Trigonometric Functions Chapter 11 Simple Trigonometric Identities	Chapter 5: Exponential and Logarithmic Functions Chapter 6: Binomial Theorem
2	WA2	Chapter 12: Differentiation Chapter 13: Tangent, Normal and Rates of Change Chapter 14: Maxima and Minima Chapter 15 Differentiation of Trigo, Exponential, Logarithmic Functions	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

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 Source-Based Skills 1. Inference 2. Utility 3. SRQ 6	WA1: Chapter 6, 7 Message Utility, Essay	Tectonics Cluster Topics 2 (Tectonics Topic 2.1+2.4, 2.2+2.4, 2.3 - GSAE)
2	WA2	Issues 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	Geography in Everyday Life Tourism Tectonics

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 Source-Based Skills 1. Inference 2. SRQ 6 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 Source-Based Skills 1. Inference 2. Utility 3. Comparison	WA1: Chapter 6, 7 Message, Utility, Essay	Tectonics Cluster Topic 1 (Topics 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	Geography in Everyday Life Tectonics

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	Unseen Poetry Response	Unseen Poetry Response	Unseen Poetry Response
2	WA2	Everything But the Brain PBQ	How We Live Now Section A	How We Live Now Section A
3	End of Year Examination	Paper 1 Full Paper Paper 2 Full Paper	Paper 1 Full Paper	Paper 1 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 2. Design coursework	1. Electricity and electronics 2. Design coursework	1. Electricity and electronics 2. Design coursework
2	WA2	1. Structures 2. Mechanisms 3. Design coursework	1. Mechanisms 2. Design coursework	1. Mechanisms 2. Design coursework
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	Portfolio	Portfolio
2	WA2	3D Sculpture with Paper	3D Sculpture with Paper
3	Preliminary examination	P1: Elements of Art, Principles of Design, Design Concepts P2: Portfolio	P1: Elements of Art, Principles of Design, Design Concepts P2: Portfolio

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>Paper 1 (MCQ & Written)</p> <p>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>Paper 2 (Practical tasks)</p> <p>1) Media Elements (MEL) 2) Document Processing (DOP) 3) Interactive Multimedia Communication (IMC)</p> <p>Students will carry out 3 tasks involving</p> <p>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>Paper 3 (Practical Tasks)</p> <p>1) Media Elements (MEL) 2) Spreadsheets (SST) 3) Animation and Game Making (AGM)</p> <p>Students will carry out 3 tasks involving</p> <p>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>