



ST ANDREW'S SCHOOL (SECONDARY)

Overview of School Based Assessments

Secondary 3

G1 Subjects

Subject	Format	Duration	Mode	Scope
G1 Weighted Assessment 1				
English	Comprehension	40 minutes	Pen and Paper	Narrative Comprehension
Mathematics	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Lower Sec topic: Algebra Sec 2: Chapter 11: Probability Sec 3: Chapter 1: Indices and Standard Form Chapter 2: Map Scales Chapter 3: Algebraic Expansion and Fractions
Science	Multiple-Choice Questions	35 minutes	e-assessment	Chapter 1: Energy Chapter 2: Electricity
Mother Tongue	Blog response	40 minutes	e-assessment	Topics taught in Book A text/workbooks
Design & Technology	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Topic: Mechanism

Elements of Business Skills	Coursework	Please refer to WA1 schedule	e-assessment	Chapters 1- 2
Computing	Multiple-choice and Structured Questions	40 minutes	e-assessment	1. Computer Fundamental - Components - Input and Output - Software 2. Impact of Computing - Technology - Responsible use of computers

G1 Weighted Assessment 2

English	Essay	40 minutes	Pen and Paper	Refer to the EL notes provided by the teacher
Mathematics	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Chapter 3: Expression for the nth term of a Number Sequence Chapter 4: Factorisation and Formulas Chapter 5: Arc Lengths and Sector Areas Chapter 6: Pyramids, Cones, and Spheres
Science	Multiple-Choice and Structured Questions	40 minutes	Pen and Paper	Chapter 2: Electricity Chapter 3: Wave Chapter 4: Effects of Force
Mother Tongue	Oral	Refer to WA2 schedule	e-assessment	Refer to the briefing notes provided by MTL Dept
Design & Technology	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Topic: Electronics
Elements of Business Skills	Mixed question types	40 minutes	Pen and Paper	Chapters 1- 2
Computing	Practical Test	40 minutes	Practical	Media Element (MS PowerPoint) - Sketch graphics using this software - Create presentation slides - Insert media elements (graphics & Video)

G1 Weighted Assessment 3

English	Oral	Refer to the WA3 schedule	e-assessment	Refer to briefing notes provided by the EL teacher
Mathematics	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Chapter 6: Pyramids, Cones, and Spheres Chapter 7: Cumulative Frequency Chapter 8: Graphs of Linear Equations
Science	Multiple-Choice and Structured Questions	40 minutes	Pen and Paper	Chapter 4: Effects of Force Chapter 6: Food Chemistry
Mother Tongue	Multiple-Choice Questions	40 minutes	e-assessment	Skills taught in Sec 3 text/workbooks
Design & Technology	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Topic: Design
Elements of Business Skills	Mixed question types	40 minutes	Pen and Paper	Chapters 3 - 4
Computing	AGM Coursework	Refer to the WA3 schedule	Practical	Basic programming (create animations) - create variables - basic loops - generate random numbers - identify and correct errors in program

G1 End-of-year Examination (EOY)

English	Paper 1: Writing Section A: Editing Section B: Situational Writing Section C: Continuous Writing Paper 2: Language Use and Comprehension Section A: Language Use Part 1: Modified Cloze I Part 2: Modified Cloze II Section B: Reading Comprehension Part 3: Comprehension I Part 4: Comprehension II Paper 3 Listening Comprehension	Paper 1: 1 hour 20 minutes Paper 2: 1 hour 20 minutes Paper 3: 45 minutes	e-assessment	All skills taught in Sec 1 - 3
Mathematics	Structured Questions Approved scientific calculators allowed	Paper 1: 1 hour Paper 2: 1 hour	Pen and Paper	All topics taught from Sec 1 to Sec 3
Science	P1 (30) Section A: MCQ + Selected Responses Section B: Selected Response, Short Answer, Structured with Video, Animation and Interactive stimuli P2: (30) Short Answer + Structured (30m)	Paper 1: 45 minutes Paper 2: 35 minutes	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

Mother Tongue	Paper 1: Blog response Paper 2: Comprehension and Language Use Paper 3: Oral and Listening Comprehension	Paper 1: 30 minutes Paper 2: 40 minutes Paper 3: Oral (15 minutes) and Listening Comprehension (30 minutes)	Pen and Paper	All skills taught in Sec 1 - 3
Design & Technology	Structured Questions Approved scientific calculators allowed	Theory paper: 1 hour Deadline for coursework - Term 4 Week 2	Pen and paper Coursework	All topics (Mechanism/ Electronics/ Design/ Technical skills)
Elements of Business Skills	Mixed question types	1 hour 30 minutes	Pen and Paper	Whole book
Computing	Paper 1 Multiple-Choice (20 marks) and Structured Questions (40 marks) Paper 2 Practical Paper (Media Software (30 marks), Document processing (35 marks) and Programming (25 marks))	Paper 1 – 1 hour 15 minutes Paper 2 – 2 hours	Paper 1 – Pen and Paper Paper 2 - Practical	P1 - Computer Fundamental, Impact of Computing, Document Processing, Media Software and Programming P2 - Media Software, Document Processing and Programming

G2 Subjects

Subject	Format	Duration	Mode	Scope
G2 Weighted Assessment 1				
English	Comprehension	40 minutes	Pen and Paper	Narrative
English Literature	Project	Refer to the WA1 schedule	e-assessment	Poetry
Mathematics	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Chapter 1: Algebraic Manipulation Chapter 2: Quadratic Equations
Additional Mathematics	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Chapter 2.1: Simultaneous Equations Chapter 2.2: Nature of Roots of a Quadratic Equation Chapter 1: Quadratic Functions
Principles of Accounts	Structured Questions	40 minutes	Pen and Paper	Chapter 3: Elements of Financial Statements and the Accounting Equation Chapter 4: Double-entry Recording
Combined Science (Chem)	Multiple-Choice Questions	35 minutes	e-assessment	Chapter 1: Experimental Chemistry Chapter 2: Kinetic Particle Theory
Combined Science (Phy)	Multiple-Choice Questions	35 minutes	e-assessment	1) Physical Quantities, Units and Measurements 2) Kinematics
Mother Tongue	Open-ended Comprehension	40 minutes	Pen and Paper	Skills taught in Sec 3 text/work books
Humanities (History)	Essay	30 minutes	Pen and Paper	Chapter 1

Humanities (Geography)	Structured Questions	40 minutes	Pen and Paper	Geography in Everyday Life
Design & Technology	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Topic: Mechanism
Humanities (Social Studies)	2 SBQ	30 minutes	Hybrid: Hardcopy QP / e-Assessment	Issue 1: Message and Comparison SBQ
Nutrition and Food Science	Multiple-Choice, Short Answer and Open-Ended questions	Refer to the WA1 schedule 45 minutes	Pen and Paper	Proteins Carbohydrates Fats Vitamins Meal planning Meal analysis Convenience food

G2 Weighted Assessment 2

English	Essay	50 minutes	Pen and Paper	Refer to briefing notes provided by the EL teacher
English Literature	Passage-Based Question	40 minutes	Pen and Paper	<i>The Chrysalids</i>
Mathematics	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Chapter 3: Graphs of Quadratic Functions Chapter 4: Indices Chapter 5: Congruence and Similarity
Additional Mathematics	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Chapter 2.2: Nature of Roots of a Quadratic Equation Chapter 2.3: Quadratic Inequalities Chapter 3: Surds Chapter 4: Polynomials
Principles of Accounts	Structured Questions	40 minutes	Pen and Paper	Chapter 5: Trial Balance and Financial Statements Chapter 1: Introduction to Accounting (Except Forms of Business Ownerships) Chapter 2: Accounting Information System
Combined Science (Chem)	Section A MCQ [5 marks] + Section B	40 minutes	Pen and Paper	Chapter 3: Atomic Structure Chapter 4: Chemical Bonding Chapter 5: Structure and Properties of Materials (exclude 5.4: Metals and Alloys)

	Structured [25 marks]			Chapter 6: Chemical Formulae and Equations (exclude Ionic Equations)
Combined Science (Phy)	Multiple-Choice and Structured Questions	40 minutes	Pen and Paper	3) Force and Pressure 4) Dynamics
Mother Tongue	Situation writing	40 minutes	Pen and Paper	Formal email
Humanities (History)	1 SBQ (6m) and 1 Essay (10m)	30 minutes	Pen and Paper	Chapter 2: Purpose SBQ + Essay
Humanities (Geography)	Project Work	T2W6 Submission	e-assessment	Group Work: Geography in Everyday Life
Design & Technology	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Topic: Electronics
Humanities (Social Studies)	1 SBQ 1 SRQ	30 minutes	Hybrid: Hardcopy QP/ e-assessment	Reliability SBQ In your opinion SRQ: Issue 1
Nutrition and Food Science	Multiple-Choice, Short Answer and Open-Ended questions	45 minutes	Pen and Paper	Minerals Water and dietary fibre Diet and health problems Meal planning Preparation and cooking of food Methods of cooking Reactions in food during preparation

G2 Weighted Assessment 3

English	Oral	Refer to WA3 schedule	e-assessment	Refer to notes provided by the EL teacher
English Literature	Part 1: Online Part 2: Passage-Based Question	Part 1: Refer to WA3 schedule Part 2: 40 minutes	Hybrid: e-assessment/Pen and Paper	<i>The Chrysalids</i>
Mathematics	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Chapter 6: Coordinate Geometry Chapter 7: Functions and Graphs
Additional Mathematics	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Chp 4: Polynomials Chapter 10: Trigo Functions Chapter 11: Trigo Identities & Equations
Principles of Accounts	Structured Questions	40 minutes	Pen and Paper	Chapter 9: Inventory Chapter 8: Cash Chapter 7: Cost of Sales and Other Expenses
Combined Science (Chem)	Section A MCQ [5 marks] + Section B Structured [25 marks]	40 minutes	Pen and Paper	Chapter 5.4: Metals and Alloys Chapter 8: Acids and Bases Chapter 12: The Reactivity Series (exclude 12.3: Extraction of metals and 12.4: Rusting)
Combined Science (Phy)	MCQ and structured	40 minutes	Pen and Paper	6) Energy 7) Kinetic Particle Model of Matter 8) Thermal Processes
Mother Tongue	Essay	40 minutes	Pen and Paper	Expository
Humanities (History)	1 SBQ (6m) 1 Essay (10m)	40 minutes	Pen and Paper	Ch 4: 1 Reliability SBQ + 1 Essay

Humanities (Geography)	Short structured questions	40 minutes	Pen and Paper	Geography in Everyday Life
Nutrition and Food Science	Part 1 CW – 36m Research (R) (6 marks) Decision Making (DM) (6 marks) Exploratory Study (ES) – Plan and Conduct (6 marks) – Discussion (6 marks) Planning (P) (6 marks) Evaluation (Eva) (6 marks)	Time frame - Mar to Sept	Project	All nutrients Meal planning concepts Meal analysis Diet and health problems Methods of cooking Reactions in food preparation
Design & Technology	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Topic: Design
Humanities (Social Studies)	1 SBQ	40 minutes	Hybrid: Hardcopy QP / e-assessment	Study all Sources Question: Issue 2

G2 End-of-year Examination (EOY)

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 - 3
English Literature	Full Paper 1 Section A: <i>The Chrysalids</i> Section B: Unseen Poetry	1 hour 40 minutes	Pen and Paper	<i>The Chrysalids</i> Poetry
Mathematics	Structured Questions Approved scientific calculators allowed	2 hours	Pen and Paper	All topics taught in Sec 1 to Sec 3
Additional Mathematics	Structured Questions Approved scientific calculators allowed	1 hr 45 min	Pen and Paper	Chapter 1: Quadratic Functions Chapter 2: Equations and Inequalities Chapter 3: Surds Chapter 4: Polynomials and Partial Fractions Chapter 10: Trigonometric Functions Chapter 11: Trigonometric Identities and Equations

Principles of Accounts	Structured Questions Paper 1 Answer three to four compulsory questions. Paper 2 Answer four compulsory questions. One question requires the preparation of financial statements (20 marks) and one scenario-based question (5 marks).	Paper 1: 1 hr Paper 2: 2 hr	Pen and Paper	Chapter 1: Introduction to Accounting (Except Forms of Business Ownerships) Chapter 2: Accounting Information System Chapter 3: Elements of Financial Statements and the Accounting Equation Chapter 4: Double-entry Recording Chapter 5: Trial Balance and Financial Statements Chapter 6: Revenue and Other Income Chapter 7: Cost of Sales and Other Expenses Chapter 8: Cash Chapter 9: Inventories Chapter 11: Non-current Assets
Combined Science (Phy)	MCQ (20) Structured (14) Essay (16)	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
Combined Science (Chem)	MCQ (20) Structured (14) Essay (16)	1 hour 15 minutes	Pen and Paper	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 12: The Reactivity Series
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 in Sec 1 - 3
Humanities (Social Studies)	Section A: SBCS [25m] Section B: SRQ [15m]	1 hr 30 minutes	Hybrid: Hardcopy QP / e-Assessment	Chap 1 - 6 Message (5m) Purpose (5m) Utility (7m) Study all Sources (8m)
Humanities (History)	Section A: SBCS [25m] Section B: Essay [20]	1 hour 30 minutes	Pen and Paper	Chapters 1 - 5
Humanities (Geography)	Short structured questions	1 hour 45 minutes	Pen and Paper	Geography in Everyday Life
Art	Art Task	Refer to the EOY exam timetable	Pen and Paper	Painting & silhouette
Food & Consumer Education	Coursework: Research, Decision Making & Practical Examination	1 hr 30 mins (for written paper) 1 hr 30 mins (for practical exam)	Pen & Paper Practical (Cooking Exam)	All topics tested except sustainability and food safety
Design & Technology	Structured Questions Approved scientific calculators are allowed	Theory paper: 1.5 hours Deadline for coursework - Term 4 Week 2	Pen and paper Coursework Prototype	All topics (Mechanism/ Electronics/ Design/ Technical skills)

G3 Subjects

Subject	Format	Duration	Mode	Scope
G3 Weighted Assessment 1				
English	Comprehension	40 minutes	Pen and Paper	Narrative
English Literature	Project	Refer to WA1 schedule	e-assessment	Poetry
Mathematics	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Lower Sec topic: Algebra Sec 3 topics: Chapter 1: More about Quadratic Equations and Quadratic Functions
Additional Mathematics	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Chapter 1: Quadratic Functions Chapter 2 : Quadratic Equations & Inequalities
Principles of Accounts	Structured Questions	40 minutes	Pen and Paper	Chapter 3: Elements of Financial Statements and the Accounting Equation Chapter 4: Double-entry Recording
Combined Science (Phy)	Multiple-Choice Questions	35 minutes	e-assessment	1) Physical Quantities, Units and Measurements 2) Kinematics
Combined Science (Chem)	Multiple-Choice Questions	35 minutes	e-assessment	Chapter 1: Experimental Chemistry Chapter 2: Kinetic Particle Theory
Combined Science (Bio)	Multiple-Choice Questions	35 minutes	e-assessment	Chap 1. Cell structure and Organisation Chap 2. Movement of substances

Chemistry	Multiple-Choice Questions	35 minutes	e-assessment	Chapter 1: Experimental Chemistry Chapter 2: Kinetic Particle Theory
Physics	Multiple-Choice Questions	35 minutes	e-assessment	Chapter 1 & 2 1. Physical Quantities, Units and Measurements 2. Kinematics
Biology	Multiple-Choice Questions	35 minutes	e-assessment	Chap 1. Cell structure and Organisation Chap 2. Movement of substances
Mother Tongue	Open-ended Comprehension	40 minutes	Pen and Paper	Skills taught in Sec 3 text/work books
History [K330]	SBCS	40 minutes	Hybrid: Pen and Paper & e-assessment	Hitler
Humanities (Geography)	Structured Questions	40 minutes	Pen and Paper	Geography in Everyday Life
Humanities (History)	Essay	30 minutes	Pen and Paper	Chapter 1
Humanities (Social Studies)	SBCS	30 minutes	Pen and Paper	Message and Comparison: Issue 1
Art	Portfolio & Art Task	Refer to WA1 schedule	Art Task	Exploratory Drawing & Visual Analysis
Music	Theory	40 minutes	e-assessment	Music Theory & Solfege Singing Chords Analysis (Lead Sheet) Intervals Melodic and Rhythm Dictation Popular Music Asian Music
Design & Technology	Structured Questions Approved scientific calculators are allowed	40 minutes	Pen and Paper	Topic: Design

G3 Weighted Assessment 2

English	Essay	50 minutes	Pen and Paper	Refer to briefing notes provided by the EL teacher
English Literature	Passage-Based Question	40 minutes	Pen and Paper	<i>The Chrysalids</i>
Mathematics	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Chapter 2: More About Linear Inequalities Chapter 3: Indices Chapter 4: Coordinate Geometry Chapter 5: Functions and Graphs
Additional Mathematics	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Chapter 3: Surds Chapter 4: Polynomials and Partial Fractions Chapter 5: Exponential Equations (no logarithms)
Principles of Accounts	Structured Questions	40 minutes	Pen and Paper	Chapter 5: Trial Balance and Financial Statements Chapter 1: Introduction to Accounting (Except Forms of Business Ownerships) Chapter 2: Accounting Information System
Combined Science (Phy)	Multiple-Choice and Structured Questions	40 minutes	Pen and Paper	3) Force and Pressure 4) Dynamics 5) Turning Effects of Forces
Combined Science (Chem)	Multiple-Choice and Structured Questions	40 minutes	Pen and Paper	Chapter 3: Atomic Structure Chapter 4: Chemical Bonding

				Chapter 5: Structure and Properties of Materials (exclude 5.4: Metals and Alloys) Chapter 6: Chemical Formulae and Equations (not including ionic equation)
Combined Science (Bio)	Multiple-Choice and Structured Questions	40 minutes	Pen and Paper	Chap 3. Biological Molecules Chap 4. Enzymes
Chemistry	Multiple-Choice and Structured Questions	40 minutes	Pen and Paper	Chapter 3: Atomic Structure Chapter 4: Chemical Bonding Chapter 5: Structure and Properties of Materials (exclude 5.4: Metals and Alloys) Chapter 6: Chemical Formulae and Equations (exclude 6.3 Ionic Equations)
Physics	Multiple-Choice and Structured Questions	40 minutes	Pen and Paper	Chapters 3-6 3. Dynamics: Mass & Weight 4. Dynamics: Forces 5. Turning Effects of Forces 6. Pressure
Biology	Multiple-Choice and Structured Questions	40 minutes	Pen and Paper	Ch 3. Biological molecules Ch 4. Enzymes Ch 12. Nutrition and transport in flowering plants
Mother Tongue	Situational Writing	40 minutes	Pen and Paper	Formal email
History [K330]	Alternative Assignment: Humanities Signature Programme Package	T2W9 Submission	Project	British Malaya
Humanities (Geography)	Project work	T2W6 Submission	e-assessment	Geography in Everyday Life

Humanities (History)	1 SBQ + 1 Essay	30 minutes	Pen and Paper	Chapter 2
Humanities (Social Studies)	1 SBQ, 1 SRQ	30 minutes	Pen and Paper	Reliability SBQ In your opinion SRQ (1 reason/ paragraph): Issue 1
Art	Portfolio & Art Task	Refer to WA2 schedule	Art Task during lessons	Digital drawing & commentary
Music	Creating and Reflection	Up to 5 hours	Blended	Part 1 Coursework Compose based on a given music stimulus (set of pitches/rhythmic motif) Criteria: 1. Creation & Devt of Musical Ideas 2. Musical Coherence 3. Compositional Understanding of Chosen Medium Part 2 Reflection Notes (150-200 words) - 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
Design & Technology	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Topic: Mechanism

G3 Weighted Assessment 3

English	Oral	Refer to WA3 schedule	e-assessment	Refer to briefing notes provided by the EL teacher
English Literature	Part 1: Online Part 2: Passage-Based Question	Part 1: Refer to WA3 schedule Part 2: 40 minutes	Hybrid: e-assessment/Pen and Paper	<i>The Chrysalids</i>
Mathematics	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Chapter 5: Functions and Graphs Chapter 6: Conditions of Congruence and Similarity Chapter 7: Further Trigonometry
Additional Mathematics	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Chapter 5: Logarithmic Functions Chapter 6: Binomial Theorem Chapter 7: Coordinate Geometry
Principles of Accounts	Structured Questions	40 minutes	Pen and Paper	Chapter 9: Inventory Chapter 8: Cash Chapter 7: Cost of Sales and Other Expenses
Combined Science (Phy)	Multiple-Choice and Structured Questions	40 minutes	Pen and Paper	6) Energy 7) Kinetic Particle Model of Matter 8) Thermal Processes
Combined Science (Chem)	Multiple-Choice and Structured Questions	40 minutes	Pen and Paper	Chapter 6: Chemical Formulae and Equations Chapter 8: Acids and Bases Chapter 12: The Reactivity Series (include 5.4: Metals and Alloys)
Combined Science (Bio)	Multiple-Choice and Structured Questions	40 minutes	Pen and Paper	Chap 5. Nutrition in humans Chap 6. Transport in humans

Chemistry	Multiple-Choice and Structured Questions	40 minutes	Pen and Paper	Chapter 8: Acids and Bases Chapter 9: Salts
Physics	Multiple-Choice and Structured Questions	40 minutes	Pen and Paper	7. Energy 8. Kinetic Particle Model of Matter 9. Thermal Processes
Biology	Multiple-Choice and Structured Questions	40 minutes	Pen and Paper	Ch 12. Nutrition and transport in flowering plants Ch 13. Organisms and their environment Ch 5. Nutrition in Humans Ch 6. Transport in Humans
Mother Tongue	Essay	40 minutes	Pen and Paper	Expository
History [K330]	Essay	30 minutes	Hybrid: Pen and Paper/e-assessment	Vietnam / Militarist Japan
Humanities (Geography)	Structured Questions	30 minutes	Pen and Paper	Geography in Everyday Life & Tectonics
Humanities (History)	1 SBQ, 1 Essay	30 minutes	Pen and Paper	Chapter 4: 1 Reliability SBQ + 1 Essay
Humanities (Social Studies)	1 SBQ	30 minutes	Pen and Paper	Study all Sources Question: Issue 2
Art	Portfolio & Art Task	Refer to WA3 schedule	Art Task during lessons	Time/ lens-based media
Music	Performing and Reflection	15 minutes/student	In-person performance or video submission Reflection via email	Part 1 Recital (Solo OR Ensemble OR Accompanying) Piece 1 (40m) Solo instrument 1a. Technical control appropriate to the style/ genre (20m) 1b. Musicality and Sensitivity (20m)

				Part 2 (Reflection Notes) 300-400 words - 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
Design & Technology	Structured Questions Approved scientific calculators allowed	40 minutes	Pen and Paper	Topic: Structure

G3 End-of-year Examination (EOY)

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 - 3
English Literature	Full Paper 1 Section A: <i>The Chrysalids</i> Section B: Unseen Poetry	1 hour 40 minutes	Pen and Paper	<i>The Chrysalids</i> Poetry
Mathematics	Structured Questions Approved scientific calculators allowed	2 hours 15 minutes	Pen and Paper	All topics taught in Sec 1 to Sec 3
Additional Mathematics	Structured Questions Approved scientific calculators allowed	2 hours 15 minutes	Pen and Paper	Chapter 1: Quadratic Functions Chapter 2: Equations and Inequalities Chapter 3: Surds

				Chapter 4: Polynomials and Partial Fractions Chapter 5: Exponential and Logarithmic Functions Chapter 6: Binomial Theorem Chapter 7: Coordinate Geometry Chapter 8: Circles Chapter 9: Application of Straight Line Graphs Chapter 10: Trigonometric Functions Chapter 11: Trigonometric Identities and Equations
Principles of Accounts	Paper 1 Answer three to four compulsory questions. Paper 2 Answer four compulsory questions. One question requires the preparation of financial statements (20 marks) and one scenario-based question (7 marks).	Paper 1: 1 hour Paper 2: 2 hours	Pen and Paper	Chapter 1: Introduction to Accounting (Except Forms of Business Ownerships) Chapter 2: Accounting Information System Chapter 3: Elements of Financial Statements and the Accounting Equation Chapter 4: Double-entry Recording Chapter 5: Trial Balance and Financial Statements Chapter 6: Revenue and Other Income Chapter 7: Cost of Sales and Other Expenses Chapter 8: Cash Chapter 9: Inventories Chapter 11: Non-current Assets

Combined Science (Phy)	Section A: MCQ (20 marks) Section B: Structured (50 marks)	1 hour 30 minutes	Pen and Paper	1) Physical Quantities, Units and Measurements 2) Kinematics 3) Force and Pressure 4) Dynamics 5) Turning Effects of Forces 6) Energy 7) Kinetic Particle Model of Matter 8) Thermal Processes 9) Wave Property 10) Sound 11) EM Waves
Combined Science (Chem)	Section A MCQ [20 marks] + Section B Structured [50 marks]	1 hour 30 minutes	Pen and Paper	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 12: The Reactivity Series
Combined Science (Bio)	Section A: MCQ (20 marks) Section B: Structured (50 marks)	1 hour 30 minutes	Pen and Paper	Chap 1. Cell structure and Organisation 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. Infectious Diseases

Chemistry	Section A MCQ [30 marks] + Section B Structured [60 marks]	2 hours	Pen and Paper	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: The Mole Concept and Stoichiometry Chapter 8: Acids and Bases Chapter 9: Salts Chapter 15: The Reactivity Series
Physics	Section A MCQ (30m) and Section B structured questions (60m)	2 hours	Pen and Paper	Chapters 1-12 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. Electromagnetic Waves

Biology	Section A MCQ (30m) and Section B structured questions (60m)	2 hours	Pen and Paper	Ch 1. Cell structure and Organisation Ch 2. Movement of substances Ch 3. Biological molecules Ch 4. Enzymes Ch 5. Nutrition in Humans Ch 6. Transport in Humans Ch 7. Respiration in Humans Ch 12. Nutrition and transport in flowering plants Ch 13. Organisms and their environment
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 in Secondary 1 - 3
Higher Mother Tongue	Paper 1: Email and Essay writing Paper 2: Comprehension and Language Use Paper 3: Oral	Paper 1: 2 hours Paper 2: 1 hour 45 minutes Paper 3: Oral (20 minutes)	Pen and Paper	All skills taught in Secondary 1 - 3
History [K330]	Paper 1 Only SBQS: 30m Essay: 20m	1 hour 50 minutes	Hybrid: Pen and Paper/e- assessment	All Sec 3 chapters
Humanities (Geography)	Structured questions	1 hour 45 minutes	Pen and Paper	Geography in Everyday Life & Tectonics
Humanities (History)	Section A [25marks] - SBQ Section B [15marks] - SEQ	1 hour 30 minutes	Pen and Paper	Chapters 1 - 5

Humanities (Social Studies)	Section A [25marks] - SBQ Section B [15marks] - SEQ	1 hour 30 minutes	Pen and Paper	Chapters 1 - 6
Art	Paper 1 (Visual Response); Paper 2 (Portfolio)	Paper 1: 2 hours 15 minutes Paper 2: Refer to the Preliminary Exam timetable	Paper 1: Pen & paper Paper 2: Portfolio	Refer to the briefing instructions
Music	Music Studies, Coursework and Performance (P1, P2 and P3)	Paper 1: 1 hour 30 minutes Paper 2: 5 hours Paper 3: 30 minutes per student	P1: Pen & Paper P2: Creating P3: Performing	- Western Classical Tradition - Jazz - Popular Music - Asian Music
Design & Technology	Structured Questions Approved scientific calculators allowed	Theory paper: 2 hours Deadline for coursework - Term 4 Week 2	Pen and paper Coursework Prototype	All topics (Mechanism /Structure/ Electronics/ Design/ Technical skills)