

**MERIDIAN SECONDARY SCHOOL
SEMESTER 1 WEIGHTED ASSESSMENT TIMETABLE
SECONDARY 4 NORMAL (TECHNICAL)**

TERM 1 (29 January to 22 February 2024)

Week	Subject	Course	Assessment Mode	Assessment Task/ Topics
5	*English	NT	Written	Editing, Modified Cloze I and Continuous Writing
	*Mother Tongue	NT	Written	Comprehension
6	*Mathematics	NT	Written	Chapter 1 Fractional Equations Chapter 2 Graphs of Quadratic Functions
7	*Science	NT	Written	Chapter 11 Blood Circulation
	CPA	NT	Practical	DOP & SST
8	EBS	NT	Written	Chapter 1 Introduction to Business Chapter 2 Businesses in the Travel and Tourism, Hospitality and Retail Industries Introduction to Marketing The Marketing Mix
	Art	NT	Coursework	Paper 1 (Art Task)
	D&T	NT	Written	Design and Mechanism

***Out-of-Stream Subjects – Please refer to the Secondary 4 Normal (Academic) schedule if applicable.**

TERM 2 (15 April to 10 May 2024)

Week	Subject	Course	Assessment Mode	Assessment Task/ Topics
5	*English	NT	Written	Comprehension
	*Mother Tongue	NT	Written	Comprehension
6	*Mathematics	NT	Written	Chapter 3 Solving Quadratic Functions Chapter 4 Trigonometry
7	*Science	NT	Written	Chapter 5 Sources of Food Chapter 6 Food Chemistry Chapter 7 Food Safety
	CPA	NT	Practical	CPF & IMC
8	EBS	NT	Written	Chapter 1 Introduction to Business Chapter 2 Businesses in the Travel and Tourism, Hospitality and Retail Industries Introduction to Marketing The Marketing Mix Communication with the Customer Customer Service
	Art	NT	Coursework	Paper 1 (Portfolio)
	D&T	NT	Written	Design and Electronics

***Out-of-Stream Subjects – Please refer to the Secondary 4 Normal (Academic) schedule if applicable.**

**MERIDIAN SECONDARY SCHOOL
SEMESTER 1 WEIGHTED ASSESSMENT TIMETABLE
SECONDARY 4 NORMAL (ACADEMIC)**

TERM 1 (29 January to 22 February 2024)

Week	Subject	Course	Assessment Mode	Assessment Task/ Topics
5	*English	NA	Written	Discursive Essay
	*Mother Tongue	NA	Written	Composition
	NFS	NA	Written	Chapter 10, 13 & 15
6	Social Studies	NA	Written	Chapter 6 Source-based Case Study (Inference, Reliability, Evaluation/Assertion);
	*Mathematics	NA	Written	1. App. of trigonometry (bearings, elevation/depression, 3D) 2. Arc length, Sector/Segment area 3. Quadratic equations 4. Trigonometric ratios 5. Sine & Cosine rules
7	*Science Physics	NA	Written	1. General Wave 2. EM Spectrum 3. Electric Charge and Current of Electricity
	Elective Geography	NA	Written	Climate Cluster Topic 1.1 Weather & Climate Topic 1.2 Variations in air temperature across the Earth's surface
	Elective History	NA	Written	Chapter 4 Outbreak of WWII in Europe Chapter 5 Outbreak of WWII in Asia Pacific SBQ: Inference & Essay (Compulsory)
8	*Science Chemistry	NA	Written	Chapter 8 Acid, Bases & Salts Chapter 6 Equations Chapter 11 Periodic Table
	POA	NA	Written	Chapter 4 Double-entry recording Chapter 15 Correction of Errors
	Art	NA	Performance Task	Paper 2 (Drawing & Painting)
	D&T	NA	Written	Technology - Electronics

***Out-of-Stream Subjects – Please refer to the Secondary 4 Express schedule if applicable.**

TERM 2 (15 April to 10 May 2024)

Week	Subject	Course	Assessment Mode	Assessment Task/ Topics
5	*English	NA	Written	Comprehension
	*Mother Tongue	NA	Written	Comprehension
6	Social Studies	NA	Written	Chapter 7 & 8 Source-based Case Study and Structured Response Questions
	*Mathematics	NA	Written	1. Gradient of curves - Plot curves, draw tangent, find gradient probability - Add/ multiply of probability, combined events, probability tree 2. Data measure - Cumulative frequency, Standard Deviation, Box & whiskers, mean, medium, mode
7	Elective Geography	NA	Written	Climate Cluster Topic 1 Weather and Climate Topic 2 Climate Change
	Elective History	NA	Written	Chapter 6 End of WWII in Europe and AP Chapter 7 Origins of Cold War in Europe SBQ & Essay
8	*Science Chemistry	NA	Written	Chapter 6 Equations Chapter 7 Mole Concept Chapter 8 Acid, Bases & Salts Chapter 11 Periodic Table Chapter 12 Metals Chapter 15 Intro to Organic Chemistry
	*Science Physics	NA	Written	Chapter 13 Electric Charge and Current of Electricity Chapter 14 D.C. Circuits Chapter 15 Practical Electricity Chapter 17 Radioactivity Chapter 7 Kinetic Particle Model of Matter Chapter 8 Thermal Processes
	POA	NA	Written	Chapter 10 Trade receivables Chapter 11 Non-current assets
	Art	NA	Performance Task	Paper 1: Coursework: 5 Preparatory Studies Complete

	D&T	NA	Written	Design Content + Mechanisms
	NFS	NA	Written	Chapter 11, 12 & 13

***Out-of-Stream Subjects – Please refer to the Secondary 4 Express schedule if applicable.**

**MERIDIAN SECONDARY SCHOOL
SEMESTER 1 WEIGHTED ASSESSMENT TIMETABLE
SECONDARY 4 EXPRESS**

TERM 1 (29 January to 1 March 2024)

Week	Subject	Course	Assessment Mode	Assessment Task/ Topics
5	English	EX	Written	Argumentative Essay
	Mother Tongue	EX	Written	Composition
	NFS	EX	Written	Chap 10 & 15
6	Elective Literature	EX	Written	The Chrysalids (the entire novel) Choice of PBQ & essay.
	Elective Geography	EX	Written	Climate (Topic 2.3 and 2.4) Structured Response Questions
	Elective History	EX	Written	Chapter 4 Outbreak of WWII in Europe Chapter 5 Outbreak of WWII in Asia Pacific SBQ: 2 Inference questions and Essay (Compulsory)
	Mathematics	EX	Written	Chapter 9 Arc Length, Sector Areas and Radian Measure 9.1 Arc Lengths 9.2 Sector Area and Segment Areas 9.3 Radian Measure 9.4 Arc Lengths and Sector Area in Radian Measure Chapter 10 Properties of Circle 10.1 Chords of a Circle 10.2 Angles at the Circumference 10.3 Angles in the Same Segment and Opposite Segments 10.4 Tangents to a Circle Set Language and Notation 1.1 Set Language 1.2 Venn Diagrams and Complement of a Set 1.3 Intersection and Union of Sets
7	Social Studies	EX	Written	Chapter 6 (Section 6.3 – 6.4) Chapter 7 (Section 7A) Source-based Case Study (Inference, Utility, Evaluation/Assertion)

	Science Physics	EX	Written	1. General Wave 2. Sound 3. EM Spectrum 4. Light
	Physics	EX	Written	Chapter 7 Kinetic Particle Model of Matter Chapter 8 Thermal Processes Chapter 9 Thermal Properties of Matter Chapter 12 Light
	A. Mathematics	EX	Written	Chapter 10 Trigonometric Functions 10.1 Trigonometric Functions of Angles 10.2 Graphs of Trigonometric Functions Chapter 11 Trigonometric Identities and Equations 11.1 Simple Trigonometric Identities 11.2 Solving Trigonometric Equations 11.3 Addition Formulae
	Literature	EX	Written	The Chrysalids (entire novel): Choice of PBQ, and essay
	Geography	EX	Written	Climate (Topic 2.3, 2.4, 3.1 and 3.2) Structured Response Questions
	POA	EX	Written	Topic 13 Long-term Borrowings Topic 14 Non-current Assets
8	Biology	EX	Written	Sec 3 Chapter 5 Nutrition in Humans Chapter 6 Transport in Humans Chapter 7 Respiration in Humans Chapter 8 Excretion in Humans Chapter 9 Homeostasis and Hormonal Control Sec 4 Chapter 10 Nervous System and Eye Chapter 11 - Infectious Diseases
	Chemistry	EX	Written	Sec 3 1. Metals 2. Mole Concept Sec 4 3. Ammonia 4. Oxidation and Reduction 5. Energy Changes
	Art	EX	Performance Task	Paper 2 (Drawing & Painting) or Paper 3 (SOVA)
	D&T	EX	Written	Technology - Electronics

8 (4E2 – 4E4)	Science Chemistry	EX	Written	Chapter 9 Qualitative Analysis Chapter 11 Periodic Table Chapter 12 Metals
9 (4E1)				

TERM 2 (15 April to 10 May 2024)

Week	Subject	Course	Assessment Mode	Assessment Task/ Topics
5	English	EX	Written	Comprehension
	Mother Tongue	EX	Written	Comprehension
6	Elective Literature	EX	Written	Unseen poetry
	Elective Geography	EX	Written	Tourism (Topic 1 and 2) Structured Response Questions
	Elective History	EX	Written	Chapter 6 End of WWII in Europe and AP Chapter 7 Origins of Cold War in Europe SBQ & Essay
	Mathematics	EX	Written	Chapter 2 Data Analysis 2.1 Cumulative Frequency Diagrams 2.2 Range, Quartiles and Interquartile 2.3 Box and Whisker Plots 2.4 Standard Deviation for Ungrouped Data 2.5 Standard Deviation for Grouped Data Chapter 3 Probability 3.1 Probability 3.2 Mutually Exclusive Events 3.3 Independent Events Chapter 4 Matrices 4.1 Definition of a Matrix 4.2 Addition and Subtraction of Matrix 4.3 Scalar Multiplication of Matrix 4.4 Multiplication of a Matrix by another Matrix 4.5 Application of Matrices
7	Science Physics	EX	Written	Chapter 7 Kinetic Particle Model of Matter Chapter 8 Thermal Processes Chapter 9 General Wave Properties Chapter 10 Electromagnetic Spectrum Chapter 11 Light Chapter 12 Electric Charge & Current of Electricity Chapter 13 D.C. Circuits Chapter 14 Practical Electricity

	Physics	EX	Written	Chapter 10 General Wave Properties Chapter 11 Electromagnetic Spectrum Chapter 12 Light Chapter 13 Static Electricity Chapter 14 Current of Electricity Chapter 15 D.C. Circuits Chapter 16 Practical Electricity
	A. Mathematics	EX	Written	Chapter 11 Trigonometric Identities and Equations 11.4 Double Angle Formulae 11.5 R-Formulae 11.6 Applications of Trigonometric Functions Chapter 12 Differentiation 12.1 The Derivative and Its Basic Rules 12.2 The Chain Rule 12.3 The Product Rule 12.4 The Quotient Rule Chapter 13 Tangents, Normals, Rate of Change 13.1 Equations of Tangents and Normals 13.2 Increasing and Decreasing Functions 13.3 Rate of Change 13.4 Connected Rate of Change
	Social Studies	EX	Written	Chapter 7, 8 & 9 Source-based Case Study and Structured Response Questions
	Literature	EX	Written	The Crucible: Essay
	Geography	EX		Tectonic (Topic 1 and 2) Structured Response Questions
	POA	EX	Written	Topic 15 Equities Topic 16 Adjustments to income and expenses Topic 17 Correction of errors
7 (4E1)	Science Chemistry	EX	Written	Chapter 6 Chemical Equations Chapter 8 Acids and Bases Chapter 9 Qualitative Analysis Chapter 10 Redox Chapter 11 Periodic Table Chapter 12 Metals Chapter 13 Energy Changes Chapter 14 Speed of Reaction
8 (4E2 – 4E4)				
8	Chemistry	EX	Written	Sec 3

				Chapter 6 Chemical Formulae and Equation Chapter 7 Mole Concept Sec 4 Chapter 13 Electrochemistry Chapter 17 Rate of Reaction Chapter 18 Fuels and Crude Oil Chapter 19 Hydrocarbons (Intro, Alkanes, Alkenes)
	Biology	EX	Written	Chapter 10 The Nervous System and the Eye Chapter 11 Infection Diseases in Humans Chapter 12 Nutrition and Transport in Flowering Plants Chapter 13 Organisms and their environment Chapter 14 Molecular Genetics Chapter 15 Modes of Reproduction.
	Art	EX	Coursework	Paper 1 Coursework: 8 Preparatory Studies Complete
	D&T	EX	Written	Design Content + Mechanisms
	NFS	EX	Written	Chapter 13 & 14