

**Sec 1NT**

<b>SUBJECT</b>	<b>TOPIC / SKILL 1</b>	<b>TOPIC / SKILL 2</b>	<b>TOPIC / SKILL 3</b>	<b>TOPIC / SKILL 4</b>
ENGLISH	Grammar and Vocab	Editing and cloze passage	Comprehension skills (for paper 2)	Writing skills (for paper 1)
BASIC MTL	Reading Comprehension – 5W1H	Oratorial Skills		
SCIENCE	Exploring Forces	Discovering Energy	Investigating Heat	
MATHEMATICS	Numbers and Four Operations of Numbers	Fractions and Comparing Fractions	Decimals and Comparing Fractions/Decimals	
CPA	Computer operations	Tools and skills in drawing vector graphics	Formatting data in spreadsheet	Page layout and types of font in document processing
ART	Elements of Arts- Lines	Elements of Art- Shapes	Drawing Skills	Elements of Art- Forms
FOOD AND CONSUMER EDUCATION	A Balanced Diet	Nutrients in Food	Methods of Cooking	Money and Resource Management
SOCIAL STUDIES	My Identity and Culture	Appreciating Cultural Diversity in Singaooore	Source-Based Skills - Data Gathering, Comparison	
MUSIC	music and Identity	Basic note reading	Basic keyboard lessons	

**Sec 1NA**

<b>SUBJECT</b>	<b>TOPIC / SKILL 1</b>	<b>TOPIC / SKILL 2</b>	<b>TOPIC / SKILL 3</b>	<b>TOPIC / SKILL 4</b>
ENGLISH	Understanding Visual Text	Grammar skills for Editing	Personal recount and narrative writing	Writing personal letters and emails
MTL	Essay - Portrait & Character Description	Email Writing - Reply	Reading Comprehension – 5W1H	
SCIENCE	Chapter 1 - The Scientific Endeavour	Chapter 4 - Exploring Diversity of Matter Using Separation Techniques	Chapter 2 - Exploring Diversity of Matter by its physical properties	Chapter 3 - Exploring Diversity of Matter by its chemical composition
MATHEMATICS	Factors and Multiples	Real Numbers, Four operations of numbers and use of calculators	Estimation and Approximation	Introduction to Algebra
GEOGRAPHY	Introduction to Geography and Geographical	Geographical Investigations and Skills	Tropical Rainforests	Water Supply
HISTORY	How is Knowledge of Singapore's Early Past Constructed?	Historical concepts :Chronology, Evidence	Making inferences Constructing Explanations	What can Historical Evidence tell us about Singapore's Connections with the World up to the
ART	Elements of Arts- Lines	Elements of Art- Shapes	Drawing Skills	Elements of Art- Forms
FOOD AND CONSUMER EDUCATION	A Balanced Diet	Nutrients in Food	Methods of Cooking	Money and Resource Management
MUSIC	Music and Identity	Basic note reading	Basic keyboard lessons	

**Sec 1E**

<b>SUBJECT</b>	<b>TOPIC / SKILL 1</b>	<b>TOPIC / SKILL 2</b>	<b>TOPIC / SKILL 3</b>	<b>TOPIC / SKILL 4</b>
ENGLISH	Understanding Visual Text	Grammar skills for Editing	Personal recount and narrative writing	Writing personal letters and emails
MTL	Essay - Portrait & Character Description	Email Writing - Reply	Reading Comprehension – 5W1H	
SCIENCE	Chapter 1 - The Scientific Endeavour	Chapter 4 - Exploring Diversity of Matter Using Separation Techniques	Chapter 2 - Exploring Diversity of Matter by its physical properties	Chapter 3 - Exploring Diversity of Matter by its chemical composition
MATHEMATICS	Factors and Multiples	Real Numbers and Four Operations of Numbers	Approximation and Estimation	Introduction to Algebra
GEOGRAPHY	Introduction to Geography and Geographical Concepts	Geographical Investigations and Skills	Tropical Rainforests	Water Supply
HISTORY	How is Knowledge of Singapore's Early Past Constructed?	Historical concepts :Chronology, Evidence	Making inferences Constructing Explanations	What can Historical Evidence tell us about Singapore's Connections with the World up to the 19th Century?
ART	Elements of Arts- Lines	Elements of Art- Shapes	Drawing Skills	Elements of Art- Forms
FOOD AND CONSUMER EDUCATION	A Balanced Diet	Nutrients in Food	Methods of Cooking	Money and Resource Management
MUSIC	Music and Identity	Basic note reading	Basic Keyboard Lessons	

**Sec 2NT**

<b>SUBJECT</b>	<b>TOPIC / SKILL 1</b>	<b>TOPIC / SKILL 2</b>	<b>TOPIC / SKILL 3</b>	<b>TOPIC / SKILL 4</b>
ENGLISH	Paper 2 - Editing, Language in Spoken Context, Modified Cloze	Reading Comprehension	Grammar - Verbs	Oral Communication
BASIC MTL	Reading Comprehension - application	Oratorial Skills		
SCIENCE	Water Pollution	Air Pollution	Cells as the basic unit of life	
MATHEMATICS	Triangles and Quadrilaterals	Congruency and Similarity	Algebraic Manipulation	Linear Equation
ART	Chinese Painting skills	Painting techniques (Tonal values)	Copy Painting	Pop Art
DRAMA	Acting skills	Improvisation	Devising	
CPA	Blend and Intersect	Insert page number and footnotes	Create Bar, Line and Pie Charts	Introduction to Scratch, Create and delete sprite
DESIGN & TECHNOLOGY	Design Needs	Research		
SOCIAL STUDIES	Causes and Consequences of Conflict	Conflict in Communities	Conflict among Countries	The Impact of Terrorism

**Sec 2NA**

<b>SUBJECT</b>	<b>TOPIC / SKILL 1</b>	<b>TOPIC / SKILL 2</b>	<b>TOPIC / SKILL 3</b>	<b>TOPIC / SKILL 4</b>
ENGLISH	Paper 1 - descriptive writing techniques	Paper 2 - answering literal and inferential questions	Paper 1 - editing skills	
MTL	Essay - (Paragraph Writing) Action and Emotions Description	Email: Topic Discussion	Reading Comprehension - application	Newspaper Article Review
SCIENCE	Chapt 9: Ray Model of Light	Chapt 8: Atoms, Molecules & Ions	Chapt 14: Forces, Speed & Moments	
MATHEMATICS	Linear Equation and Inequalities	Coordinates and Linear Function	Proportion	
HISTORY	Why was Singapore chosen by the British?	Singapore as a British settlement before WWII	How did External Events Affect Singapore?	Historical Investigation : Data Gathering /Exercising Reasoning
ART	Chinese Painting skills	Painting techniques (Tonal values)	Copy Painting	Pop Art
DRAMA	Acting skills	Exploring Monologues	Devising	
DESIGN & TECHNOLOGY	Design Needs	Research	Ideation	
LITERATURE	Boy in Striped Pyjamas - novel analysis	Poetry analysis using literary devices		

Sec 2E

SUBJECT	TOPIC / SKILL 1	TOPIC / SKILL 2	TOPIC / SKILL 3	TOPIC / SKILL 4
ENGLISH	Paper 2 - Organisational Patterns of Texts	Paper 1 - descriptive writing techniques	Vocabulary on adjectives	Summary writing toolkit - selection and relevance of content points and language strategies
MTL	Essay - (Paragraphy Writing) Action and Emotions Description	Email: Topic Discussion	Reading Comprehension - application	Newspaper Article Review
SCIENCE	Chapt 9: Ray Model of Light	Chapt 8: Atoms, Molecules & Ions	Chapt 14: Forces, Speed & Moments	
MATHEMATICS	Proportion	Expansion And Factorisation Of Algebraic Expressions	Quadratic Functions and Equations	Simple Algebraic Fractions
HISTORY	Why was Singapore chosen by the British?	Singapore as a British settlement before WWII	How did External Events Affect Singapore?	Historical Investigation : Data Gathering /Exercising Reasoning
ART	Drawing illustration	Painting techniques (Tonal values)	Copy Painting	Pop Art
DRAMA	Acting skills	Devising		
DESIGN & TECHNOLOGY	Design Needs	Research	Ideation	
LITERATURE	Boy in Striped Pyjamas - novel analysis	Poetry analysis using literary devices		

**Sec 3NT**

<b>SUBJECT</b>	<b>TOPIC / SKILL 1</b>	<b>TOPIC / SKILL 2</b>	<b>TOPIC / SKILL 3</b>
ENGLISH	Using Language to Entertain : Reading Narratives	Create and Present a Larger than Life Character: Writing Narratives	Language to describe and exaggerate: Word Play
BASIC MTL	Reading Comprehension - recall and explain	Oratorical skills - Video Discussion	
SCIENCE	Energy and its uses	Energy transfer through waves	Effects of forces
BASIC MATHEMATICS	Indices and Standard Form	Map Scales	Alegbraic Expressions, Equations and Formulae
EBS	Introduction to Business Activities	Hospitality	Tourism
CPA	Spreadsheets	Media Computing (Scratch)	
D&T	Mechanism	Design Communication	
Social Studies	Managing My Money :Needs vs Wants	Budgeting	Savings

**Sec 3NA**

<b>SUBJECT</b>	<b>TOPIC / SKILL 1</b>	<b>TOPIC / SKILL 2</b>	<b>TOPIC / SKILL 3</b>	<b>TOPIC / SKILL 4</b>
ENGLISH	Paper 1 - Editing Identifying various grammatical errors in a given text	Paper 1 - Reflective Writing	Paper 2 - Comprehension	Paper 4 - Oral Communication
MTL	News response essay – point, evidence, evaluation.	Email - (Formal) Complain	Oratorical skills Video Discussion	Reading Comprehension - Analyzing Facts and Critical thinking
MATHEMATICS	Indices	Algebraic Manipulation	Quadratic Equations	Congruency & Similarity
SC (PHYSICS)	Measurement	Kinematics	Dynamics	
SC (CHEMISTRY)	Kinetic Particle Theory	Measurement and apparatus	Experimental techniques	Element, Compounds, Mixtures
SC (BIOLOGY)	Cells	Movement of Substances	Nutrients	Enzymes
SOCIAL STUDIES	What does it mean for me to be a Citizens of My Country?	How Do we Decide What is Good For Society?	How can we work for the Good of Society?	SBQ Skills : Inference, Comparison and Why/Purpose
ELECTIVE GEOGRAPHY	Weather & Climate - elements of weather, types of climate, monsoon winds, fieldwork	Climate Change - trends, natural & human causes, impacts and responses		
ELECTIVE HISTORY	Impact of WWI in Europe: T	Accounts : Historical Interpretations	The League of Nations	
ART	Photography as Ways of Seeing	Exploration of Materials & Ideas using Dry Medium		
FOOD AND NUTRITION	Carbohydrates/ Task Analysis	Guidelines for Meal Planning	Proteins/ Research	Meat and Alternatives
POA	Introduction to Accounting	The Accounting Information System	Double Entry and Ledger Accounts	Trial Balance
D&T	Structure	Design Method		

**Sec 3E**

<b>SUBJECT</b>	<b>TOPIC / SKILL 1</b>	<b>TOPIC / SKILL 2</b>	<b>TOPIC / SKILL 3</b>	<b>TOPIC / SKILL 4</b>
ENGLISH	Grammatical Rules at word, phrase and sentence level (Editing skills)	Argumentative and expository writing skills (Paper 1)	Reading comprehension and viewing skills (Paper 2)	Oral Communication Skills (Reading Aloud and Spoken Interaction)
MTL	News response essay – point, evidence, evaluation.	Email - (Formal) Introduction of an Event	Oratorical skills Video Discussion	Reading Comprehension - Analyzing Facts and Critical thinking
MATHEMATICS	Indices	Linear Inequalities	Quadratic Equations	Congruency & Similarity
ADD MATHEMATICS	Equations and Inequalities	Surds and Indices	Polynomials and Partial Fractions	
BIOLOGY	Cells	Movement of substances	Nutrients	Enzymes
PHYSICS	Measurement	Kinematics	Dynamics	Mass Weight Density
CHEMISTRY	Kinetic Particle Theory	Experimental, Purification & Separation Techniques	Elements, Mixtures & Compounds	Atomic Structure
SC (PHYSICS)	Measurement	Kinematics	Dynamics	Mass Weight Density
SC (CHEMISTRY)	Kinetic Particle Theory	Experimental, Purification and Separation Techniques	Elements, Mixtures and Compounds	Atomic Structure
GEOGRAPHY (PURE)	Weather & Climate - elements of weather, types of climate, monsoon winds, fieldwork	Climate Change - trends, natural & human causes, impacts and responses	Tropical cyclones - characteristics, formation, impact & mitigation measures	

SOCIAL STUDIES	What does it mean for me to be a Citizens of My Country?	How Do we Decide What is Good For Society?	How can we work for the Good of Society?	SBQ Skills : Inference, Comparison and Why/Purpose
ELECTIVE GEOGRAPHY	Weather & Climate - elements of weather, types of climate, monsoon winds, fieldwork	Climate Change - trends, natural & human causes, impacts and responses		
ELECTIVE HISTORY	Impact of WWI in Europe: T	Accounts : Historical Interpretations	The League of Nations	
ART	Photography as Ways of Seeing	Exploration of Materials & Ideas using Dry Medium	Observation Drawing	
POA	Introduction to Accounting	The Accounting Information System	Double Entry and Ledger Accounts	Trial Balance
D&T	Structure	Design Communication		
ELECTIVE LITERATURE	Unseen Poetry and Prose	Basic Literary Devices	The Joy Luck Club- Novel	

**Sec 4NT**

<b>SUBJECT</b>	<b>TOPIC / SKILL 1</b>	<b>TOPIC / SKILL 2</b>	<b>TOPIC / SKILL 3</b>
ENGLISH	Paper 2 Part 6, Comprehension skills	Paper 1 Section A Form Filling & Section B, Functional Writing	Paper 3 Listening Comprehension skills
BASIC MTL	Listening Skills - recall and describe, tonal patterns	Oratorical skills - Video Discussion	Able to write a reply email
SCIENCE	Digestive System	Respiratory System	Fitness and Cardiac Health
BASIC MATHEMATICS	Cummulative Frequency Distribution - Tables, Graphs, Quartiles and Percentiles	Mensuration - Arcs, Surface Areas and Volume	Trigonometry - Pythagoras Theorem and Trigonometric Ratios
EBS	Communication Method	Customer Service	Preparation for Coursework
CPA	Apply Boolean operators	Create Lookup table	Create Mail merge document
D&T	Coursework - Research	Coursework - Ideation	

**Sec 4NA**

SUBJECT	TOPIC / SKILL 1	TOPIC / SKILL 2	TOPIC / SKILL 3	TOPIC / SKILL 4
ENGLISH	Oral Communication Skills: Reading Aloud & Spoken Interaction	Continouous Writing: Reflective cum descriptive	Reading comprehension and viewing skills (Paper 2)	Situational Writing - Formal Email
MTL	Oratorical skills - Video Discussion	Revision for Essay - Narrative & Argumentative	Email - Formal	Reading Comprehension Skills - Evaluation
MATHEMATICS	Bearings	Angles of Elevation/Depression	3D problems	Probablity
ADD MATHEMATICS	Binomial	Binomial Theorem	Differentiation	
POA	Prepayments	Non-current assets	Trade receivables	Trade payables and Long-term borrowings
SC (PHYSICS)	Waves	Sound	Static Electricity	Current Electricity
SC (CHEM)	Metals	Air	Organic Chemistry	
SC (BIOLOGY)	Respiration in Humans	Reproduction in Plants	Reproduction in Humans	
SOCIAL STUDIES	How Can we Respond in a Diverse Society?	What does it Mean to Live in a Globalised World?	How Do we Respond to Tensions Arising from Economic Impacts of Globalisation?	

ELECTIVE GEOGRAPHY	Earthquakes - How do people prepare and respond to earthquakes?	Food Resources - food consumption patterns, trends & challenges in the production of food, addressing problems of food shortage		
ELECTIVE HISTORY	War in Asia Pacific: Reasons for Outbreak	War in Asia Pacific : Reasons for Allied Victory	Introduction to Cold War	
ART	Drawing Skills Revision	Artist Reference	Coursework	
D&T	Coursework - Research	Coursework - Ideation		
FOOD AND NUTRITION	Keeping Food Safe/ Task Analysis	Convenience Food/ Research	Food Preservation/ Decision Making	

**Sec 4E**

<b>SUBJECT</b>	<b>TOPIC / SKILL 1</b>	<b>TOPIC / SKILL 2</b>	<b>TOPIC / SKILL 3</b>	<b>TOPIC / SKILL 4</b>
ENGLISH	Oral Communication Skills: Reading Aloud & Spoken Interaction	Reading comprehension and viewing skills (Paper 2)	Situational Writing - Report & Email	Continouous Writing: Reflective cum descriptive
MTL	Oratorical skills - Video Discussion	Revision for Essay -Narrat	Revision for Email - Formal	Revision for Reading Comprehension Skills
MATHEMATICS	Matrices	Probability	Data Analysis - Measure of Spread	Set Language and Notation
ADD MATHEMATICS	Binomial Theorem	Differentiation	Tangents, Normals and Rate of Change	Maxima and Minima
BIOLOGY	Nervous System	Receptor Organ - Eye	Hormones	Reproduction in Plants
PHYSICS	EM Spectrum	Sound	Electrostatics	Current Electricity
CHEMISTRY	Metals	Atmosphere & the Environment	Speed of Reactions	Redox Reactions
SC (PHYSICS)	EM Spectrum	Sound	Electrostatics	Current Electricity
SC (CHEMISTRY)	Metals	Energy Changes	Speed of Reactions	Oxidation and Reduction
ART	Drawing Skills Revision	Artist Reference	Coursework	
POA	Prepayments	Non-current assets	Trade receivables	Trade payables and Long-term borrowings

D&T	Coursework - Research	Coursework - Ideation		
GEOGRAPHY (PURE)	Food Resources - food consumption patterns, trends & challenges	Global Tourism - Tourist attractions, trends in tourism industry & developing tourism		
SOCIAL STUDIES	How Can we Respond in a Diverse Society?	What does it Mean to Live in a Globalised World?	How Do we Respond to Tensions Arising from Economic Impacts of Globalisation?	
ELECTIVE GEOGRAPHY	Earthquakes - How do people prepare and respond to earthquakes?	Food Resources - food consumption patterns, trends & challenges in the production of food, addressing problems of food shortage		
ELECTIVE HISTORY	War in Asia Pacific: Reasons for Outbreak	War in Asia Pacific : Reasons for Allied Victory	Introduction to Cold War	

Sec 5NA

SUBJECT	TOPIC / SKILL 1	TOPIC / SKILL 2	TOPIC / SKILL 3	TOPIC / SKILL 4	TOPIC / SKILL 5
ENGLISH	Oral Communication Skills: Reading Aloud & Spoken Interaction	Reading comprehension and viewing skills (Paper 2)	Situational Writing - Report & Email	Continouous Writing: Reflective cum descriptive	
MTL	Revision for Reading Comprehension Skills	Revision for Email - Formal	Revision for Essay - Narrative & Argumentative	Oratorical skills - Video Discussion	
MATHEMATICS	Matrices	Graphs of Quadratic Equation	Linear Inequalities	Conditions of Congruency and Similarity	
ADD MATHEMATICS	Exponential Functions	Partial Fractions	Modulus and Power function	Logarithms	
POA	Non-current assets	Corrrection of errors	Incomplete Records	-	
SC (PHYSICS)	Light	Static Electricity	Magnetism		
SC (CHEMISTRY)	Energy Changes	Speed of Reactions	Oxidation and Reduction		
SC (BIOLOGY)	Co-ordination and response: Nervous System, Eye and Hormones	Molecular genetics	Inheritance		
SOCIAL STUDIES	SOCIAL STUDIES	Regional and International Conflict : Iraq-Kuwait Conflict	Regional and International Conflict : Impact of Terrorism	Handling Political Cartoons	
ELECTIVE GEOGRAPHY	ELECTIVE GEOGRAPHY	Types of Natural Vegetation	Forests as a Resource	Case Study : Deforestation in Kalimantan	
ELECTIVE HISTORY	ELECTIVE HISTORY	War in Europe : Hitler's Agressive Expansionism	War in Europe : Weaknesses of League of Nations	Failure of Appeasement	Nazi-Soviet Pact
ART	Drawing Skills Revision	Artist Reference	Coursework		
D&T	Coursework - Research	Coursework - Ideation			
FOOD AND NUTRITION	Roles of Enzymes in Digestion	Keeping Food Safe/ Task Analysis	Convenience Food/ Research	Food Preservation	