Subject	Format / Topics
English Language	Paper 1 Duration: 1 h 50 min Total marks: 70 (40%) Editing Skills (10 marks), Situational Writing Skills (30 marks), Continuous Writing Skills (30 marks) Paper 2 Duration: 1 h 50 min Total marks: 50 (25%) Comprehension (35 marks) and Summary Skills (15 marks) Paper 3 Duration: 45 min Total marks: 30 (10%) Listening Skills
	Paper 4 Total marks: 30 (25%) Oral: Reading Aloud (10 marks) and Spoken Interaction (20 marks)
Chinese (NA)	 试卷一: 2个小时(总分: 60分) 1. 实用文(20分) ● 2题选1题作答 ● 私人电邮-发表看法/分享经验类 ● 公务电邮-投诉类 ● 150字以上
	 2. 作文(40分)(4题选1题作答) ● 情境记叙文 ● 议论文 ● 完成文章
	试卷二: 1小时30分钟(总分: 60分) 1课文词汇考查(单元五、六) 2课文技能考查(行动描写、心理描写、语言描写;议论文三要素、举例 论证法和引用论证法) 3阅读理解一 4阅读理解二
	<u>试卷三</u> 口试: 10-15分钟(总分60分) 朗读短文(20分) 会话(40分) <u>听力理解: 约30分钟(总分 20分)</u>

试卷一: 2个小时(总分: 60分) Chinese (Express) 1. 实用文(20分) ● 2题选1题作答 • 私人电邮-发表看法/征求意见 ● 公务电邮-投诉类 ● 150字以上 2. 作文(40分) ● 3题选1题作答(1题情境记叙文 [运用人物描写手法、确保详略得 当]、2题论说文[谈看法/如何类]) • 300字以上 试卷二: 1小时30分钟(总分: 70分) ——根据会考题型出题 综合填空(1篇) 阅读理解一(4篇) 阅读理解二(2篇) 语文技能考查(中一至中三上册,以及中三下册单元四和五所学的语文 技能) 试卷三 口试: 10-15分钟(总分50分) 朗读短文(10分) 会话(40分) 听力理解:约30分钟(总分20分) Malay (NA) Kertas 1: Karangan (2 jam - 60 markah) Bahagian A: Penulisan Fungsional • E-mel Formal atau Tidak Formal Bahagian B: Penulisan Esei • Karangan deskriptif, ekspositori atau naratif Kertas 2: Tatabahasa dan Pemahaman (1 jam 30 min – 60 markah) Bahagian A: Penggunaan Bahasa • Pengimbuhan Peribahasa Mengisi tempat kosong Bahagian B: Pemahaman 1 • Soalan kefahaman Objektif Bahagian C: Pemahaman 2 • Soalan Kefahaman Subjektif Kertas 3: Lisan & Kefahaman Mendengar (80 markah) • Kefahaman Mendengar (20 markah)

	 Lisan (60 markah) Bahagian A: Bacaan Lantang (20 markah) Bahagian B: Perbualan (40 markah) Berbual dengan pemeriksa lisan berdasarkan tema klip video
Malay (Express)	 Kertas 1: Penulisan Fungsional dan Penulisan Esei (2 jam - 60 markah) Bahagian A: Penulisan Fungsional E-mel Formal atau Tidak Formal Bahagian B: Penulisan Esei Karangan deskriptif, ekspositori atau naratif (Pilih 1) Kertas 2: Tatabahasa dan Pemahaman (1 jam 30 min − 70 markah) Bahagian A: Penggunaan Bahasa Pengimbuhan Peribahasa Mengisi tempat kosong Bahagian B: Pemahaman 1 Soalan kefahaman Objektif Bahagian C: Pemahaman 2 Soalan Kefahaman Subjektif
	 Kertas 3: A. Kefahaman Mendengar (20 markah) 10 soalan berbentuk aneka pilihan (MCQ) B. Lisan (50 markah) Bahagian I: Bacaan Lantang (10 markah) Bahagian II: Perbualan (40 markah) Berbual dengan pemeriksa lisan berdasarkan tema klip video

Subject	Format	Topics
Mathematics	Paper 1	C1: Algebraic Expressions and
	Duration: 2 h	Formulae
	Total marks: 70	C2: Quadratic Equations and
	Weightage: 50%	Functions
		C3: Indices and Standard Form
	Paper 2	C4: Coordinate Geometry
	Duration: 2 h	C5: Graphs of Functions and
	Total marks: 70	Graphical Solution
	Weightage: 50%	C6: Trigonometry
		C7: Further Trigonometry
		C8: Congruency and Similarity
Mathematics	Paper 1	C1: Quadratic Equations and
(3E SBB)	Duration: 2 h 15 min	Functions
	Total marks: 90	C2: Linear Inequalities
	Weightage: 50%	C3: Indices and Standard Form
		C4: Coordinate Geometry
	Paper 2	C5: Graphs of Functions and
	Duration: 2 h 15 min	Graphical Solution
	Total marks: 90	C6: Further Trigonometry
	Weightage: 50%	C7: Applications of Trigonometry
		C8: Arc Length, Area of Sector and
		Radian Measure
		C9: Congruent and Similar Triangles
		C10: Area and Volume of Similar
		Figures and Solids
		C11: Geometrical Properties of Circles
Additional	Duration: 2 h 15 min	C1: Quadratic Functions
Mathematics	Total marks: 90	C2: Equations and Inequalities
(SBB - Express)	(Only 1 paper)	C3: Surds
		C4: Polynomials and Partial Fractions
		C5: Exponential and Logarithmic
		Functions
		C7: Coordinate Geometry
		C9: Applications of Straight Line
		Graphs
		C10: Trigonometric Functions
		C11: Trigonometric Identities and
		Equations
		·

Science	Paper 3 and 4	Kinetic Particle Theory
(Chemistry)	Duration: 1 h 15 min in total	Measurement and
(Chemistry)	Total marks: 50	Experimental Techniques
	Total Illaiks. 50	3. Separation and Purification
	Papar 2 (20 marks)	1
	Paper 3 (20 marks)	4. Elements, Compounds and
	Multiple Choice Questions	Mixtures
	B 4	5. Atomic Structure
	Paper 4:	6. Chemical Bonding
	Section A (14 marks):	7. Formula and Equations
	Structured Questions	8. Acids and Bases
	Section B (16 marks):	9. Salts
	Longer Structured Questions	10. Periodic Table
Science	Paper 1 and 2	1. Physical Quantities, Units
(Physics)	Duration: 1 h 15 min in total	and Measurement
	Total marks: 50	2. Kinematics
		3. Dynamics
	Paper 1 (20 marks)	4. Mass, Weight and Density
	Multiple Choice Questions	5. Turning Effects of Forces
	·	6. Pressure
	Paper 2:	7. Work, Energy and Power
	Section A (14 marks):	8. Kinetic Model of Matter
	Structured Questions	9. Transfer of Thermal Energy
	Section B (16 marks):	10. Thermal Properties of Matter
	Longer Structured Questions	·
Science	Paper 5 and 6	1. Cells
(Biology)	Duration: 1 h 15 min in total	2. Diffusion and Osmosis
(=::::8//	Total marks: 50	3. Nutrients and Enzymes
	1000111001100	4. Nutrition in Humans
	Paper 5 (20 marks)	6. Nutrition in Plants
	Multiple Choice Questions	5. Transport in Plants
	manaple enoise questions	S. Transport III Transc
	Paper 6:	
	Section A (14 marks):	
	Structured Questions	
	Section B (16 marks):	
	Longer Structured Questions	

Science (Chemistry)_Express	Paper 1 Duration: 1 h Total marks: 40 Multiple Choice Questions Paper 2/3/4 (Phy/Chem/Bio)	 Kinetic Particle Theory Measurement and Experimental Techniques Separation and Purification Elements, Compounds and Mixtures
	Duration: 1 h 15 min for each paper Total marks: 65 for each paper For each paper:	5. Atomic Structure 6. Chemical Bonding 7. Writing Chemical Equations 8. Acids and Bases 9. Salts
Science (Physics)_Express	Section A (45 marks): Structured Questions Section B (20 marks): Free Response Questions	 Physical Quantities, Units and Measurement Kinematics Dynamics Mass, Weight and Density Turning Effects of Forces Pressure Work, Energy and Power Kinetic Model of Matter Transfer of Thermal Energy Thermal Properties of Matter
Science (Biology)_Express		 Cells Diffusion and Osmosis Nutrients and Enzymes Nutrition in Humans Nutrition in Plants Transport in Plants
Geography Elective	Duration: 1 h 40 min Total marks: 50 Section A: Weather and Climate GI [20m] Section B: Weather and Climate Structured Questions [30m]	 Weather and Climate Geographical Investigations Gateway 1
History Elective	Duration: 1 h 40 min Total marks: 44 Source-based Questions (24 marks) • Making inferences • Making comparisons • Assessing reliability of sources Structured-Essay Questions (20 marks) • Describing factors	Impact of WWI Communist Russia* Nazi Germany* Outbreak of War in Europe Germany's Defeat in WWII *possible source-based topics Note: all topics are possible for SEQs

Structured-Responsemarks) Responding to societal issues chapters Principles of Accounts Paper 1 (1 hour) Total: 40 m	1. Chapter 1: Different Attributes Shaping Citizenship 2. Chapter 2: Challenges in Deciding what is Good for Society; How the Government Manages Conflicting Demands 3. Chapter 3: Roles of the Government and Citizens in Working for the Good of Society Issue 2: Living in a Diverse Society 4. Chapter 4: Identity and Diversity 5. Chapter 5: Diversity in Singapore — Immigration Policy, Economic Opportunities 6. Chapter 6: Experiences and Effects of living in a diverse society Topics tested:
Accounts • Total: 40 m • 3 - 4 structu Paper 2 (2 hours) • Total: 60 ma • 20 marks: Fi Statements • 40 marks: 3	arks Chapter 1: Introduction to red questions Accounting
	nancial Statements and the Accounting Equation
Drama Duration: 1 h 45 mir Total marks: 50	ns Section A (15 marks) 4 short-answer questions based on

1 mid-length and 1 long-answer questions based on Group Devised Work scenes from class.

2022 End-of-Year Examination - Sec 3 Normal (Academic)

Xinmin Secondary School

Design and	Duration: 1 h 30 min	1. Design Model
Technology	Total marks: 50	Project Management
]		3. Research
		4. Need Definition
		 PIES, user analysis and
		product analysis
		Design brief
		 Design consideration and
		specification
		5. Idea Generation and
		Development
		Brainstorming
		• SCAMPER
		Shape borrowing
		6. Evaluation
		7. Design Communication
		8. Ergonomics and Anthropometry
		9. Electronics
		Basic electricity
		Common electronic
		components and their uses
		 Sensing circuits for light,
		moisture and temperature
		10. Mechanisms
		Transmission of Motion
		Conversion of Motion
		Control of Motion
		Control of Motion
Nutrition and Food	Duration: 1 h 30 min	1. Nutrients
Science	Total marks: 80	2. Diet and Health
		3. Meal Planning and Meal Analysis
	Section A: 16 marks (multiple choice	4. Main Food Commodities
	questions)	5. Food Preparation and Cooking
	Section B: 40 marks (short-answer-	6. Reactions in Food during
	type questions and data-response-	Preparation and Cooking
	type questions) Section C: 24 marks	7. Food Sustainability
	(open-ended questions)	7. Toda Sastamasinty
	(open chaca questions)	
Art	Duration: 3 h	3-Hour Drawing and Painting Paper
	T. (1) (1) (2)	
	Total marks: 50	Prior to their preparation, they
		would be required to bring their
		preparatory board(s) to their exam
		venue as a reference to their final
		art work.