



海星天主教中学

HAI SING CATHOLIC SCHOOL

15 Pasir Ris Street 21, Singapore 518969 • Tel: 6582 7864 • Fax: 6582 2543

Assessment Information for 4 EXPRESS Term 1 Non-Weighted Assessment 2023:

SUBJECT	SKILLS/TOPICS TESTED	FORMAT OF ASSESSMENT
ENGLISH LANGUAGE	Paper 2: Reading Comprehension	Written Paper 25 marks 50 minutes
CHINESE LANGUAGE	Paper 2: Comprehension	Written Paper 30 marks 40 minutes
MALAY LANGUAGE	Bahasa dan kefahaman	Format Kertas 2 30 marks 40 minutes
HIGHER CHINESE	Paper 2: Comprehension	Written Paper 30 marks 40 minutes
CHEMISTRY	Chapter 18: Speed of Reaction	Written Paper Section A - 5 MCQ (5 marks) Section B - Structured Questions (20 marks) 30 minutes
SCIENCE (CHEMISTRY)	Chapter 12: Oxidation and Reduction Chapter 11: Salts (exclude qualitative analysis)	Written Paper Section A - 5 MCQ (5 marks) Section B - Structured Questions (15 marks) 25 minutes
BIOLOGY	Chapter 12: Homeostasis Chapter 13: The Nervous System	Written Paper Section A - 5 MCQ (5 marks) Section B - Structured Questions (20 marks) 30 minutes
SCIENCE (BIOLOGY)	Chapter 10: Respiration in Humans	Written Paper Section A - 5 MCQ (5 marks) Section B - Structured Questions (15 marks) 25 minutes
PHYSICS	Chapter 8: Temperature Chapter 9: Kinetic Model of Matter Chapter 10: Transfer of Thermal Energy	Written Paper Section A - 5 MCQ (5 marks) Section B - Structured Questions (20 marks) 30 minutes
SCIENCE (PHYSICS)	Chapter 10: Light Chapter 12: Electromagnetic Waves Chapter 13: Sound	Written Paper Section A - 5 MCQ (5 marks) Section B - Structured Questions (15 marks) 25 minutes





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SUBJECT	SKILLS/TOPICS TESTED	FORMAT OF ASSESSMENT
MATHEMATICS	<p>Topics Tested in Sec 3 2022</p> <p>Chapter 6: Further Trigonometry</p> <p>Chapter 7: Applications of Trigonometry</p> <p>Chapter 8: Arc Length, Sector Area and Radian Measure</p> <p>Chapter 11: Geometrical Properties of Circles</p>	<p>Written Paper</p> <p>Paper 1 Format</p> <p>30 marks</p> <p>45 minutes</p>
ADDITIONAL MATHEMATICS	<p>Chapter 7: Coordinate Geometry</p> <p>Chapter 8: Circles</p> <p>Chapter 9: Applications of Straight Line Graphs</p> <p>Chapter 10: Trigonometric Functions</p>	<p>Written Paper</p> <p>Paper 1 Format</p> <p>30 marks</p> <p>45 minutes</p>
SOCIAL STUDIES	<p>Chapter 9: How do we respond to tensions arising from some economic impacts of globalisation?</p> <p>Skills: Analyse and evaluate a range of source materials through:</p> <ul style="list-style-type: none"> comprehending and extracting relevant information drawing inferences from given information recognising values and detecting bias Comparing and contrasting different views distinguishing between fact, opinion and judgement 	<p>Written Paper</p> <p>Source-Based Questions</p> <p>18 marks</p> <p>35 minutes</p>
HISTORY ELECTIVE	<p>Chapter 7: Reasons for the defeat of Japan</p> <p>Skills:</p> <ul style="list-style-type: none"> Constructing a causation argument. <p>Evaluate different factors for significance in relation to an event.</p>	<p>Written Paper</p> <p>Structured-Essay Questions</p> <p>12 marks</p> <p>30 minutes</p>
GEOGRAPHY ELECTIVE	<p>Chapter 1: Tourism</p> <ul style="list-style-type: none"> Gateway 2: Why has tourism become a global phenomenon? 	<p>Written Paper</p> <p>Structured-Essay Questions</p> <p>15 marks</p> <p>35 minutes</p>
PURE GEOGRAPHY	<p>Chapter 1: Tourism</p> <ul style="list-style-type: none"> Gateway 2: Why has tourism become a global phenomenon? 	<p>Written Paper</p> <p>Structured-Essay Questions</p> <p>15 marks</p> <p>35 minutes</p>





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SUBJECT	SKILLS/TOPICS TESTED	FORMAT OF ASSESSMENT
PURE LITERATURE	Topic: "Hook & Eye - What They're Doing Here"	Written Paper Essay question 25 marks 50 minutes
DESIGN & TECHNOLOGY	Topic: Technology based questions (Electronic, Structures, Mechanisms)	Written Paper 30 marks 30 minutes
NUTRITION & FOOD SCIENCE	Chapter 4: Vitamins Chapter 15: Food Safety	Written Paper Section A - MCQ Section C - Essay Question 25 marks 30 minutes





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Assessment Information for 5 NORMAL ACADEMIC Term 1 Non-Weighted Assessment 2023:

SUBJECT	SKILLS/TOPICS TESTED	FORMAT OF ASSESSMENT
ENGLISH LANGUAGE	Paper 1: Continuous Writing (Argumentative Essay)	Written Paper 30 marks 50 minutes
CHINESE LANGUAGE	Paper 2: Comprehension	Written Paper 30 marks 40 minutes
MALAY LANGUAGE	Bahasa dan kefahaman	Format Kertas 2 30 marks 40 minutes
SCIENCE (CHEMISTRY)	Chapter 8: The Mole Chapter 9: Chemical Calculations	Written Paper Section A - 5 MCQ (5 marks) Section B - Structured Questions (15 marks) 25 minutes
SCIENCE (BIOLOGY)	Chapter 11: The Nervous System	Written Paper Section A - 5 MCQ (5 marks) Section B - Structured Questions (15 marks) 25 minutes
SCIENCE (PHYSICS)	Chapter 3: Vector Diagrams Chapter 10: Light	Written Paper Section A - 5 MCQ (5 marks) Section B - Structured Questions (15 marks) 25 minutes
MATHEMATICS	Chapter 1: Graphs of Quadratic Equations and Linear Inequalities Chapter 2.1: Introduction to Set Notations Chapter 2.2: Venn Diagrams, Universal Set and Complement of a Set	Written Paper Paper 1 Format 30 marks 45 minutes
ADDITIONAL MATHEMATICS	Chapter 2: Equations and Inequalities Chapter 7: Coordinate Geometry Chapter 8: Circles Chapter 10: Trigonometric Functions	Written Paper Paper 1 Format 30 marks 45 minutes





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SUBJECT	SKILLS/TOPICS TESTED	FORMAT OF ASSESSMENT
SOCIAL STUDIES	<p>Chapter 9: How do we respond to tensions arising from some economic impacts of globalisation?</p> <p>Chapter 10: How do we respond to tensions arising from some cultural impacts of globalisation?</p> <p>Skills: Analyse and evaluate a range of source materials through:</p> <ul style="list-style-type: none"> comprehending and extracting relevant information drawing inferences from given information recognising values and detecting bias Comparing and contrasting different views distinguishing between fact, opinion and judgement 	<p>Written Paper</p> <p>Source-Based Questions</p> <p>18 marks</p> <p>35 minutes</p>
HISTORY ELECTIVE	<p>Chapter 3: Cuban Missile Crisis</p> <p>Skills: Analyse and evaluate a range of source materials through:</p> <ul style="list-style-type: none"> comprehending and extracting relevant information drawing inferences from given information recognising values and detecting bias <p>establishing utility of given information</p>	<p>Written Paper</p> <p>Source-Based Questions</p> <p>22 marks</p> <p>40 minutes</p>
GEOGRAPHY ELECTIVE	<p>Chapter 2: Food Resources</p> <ul style="list-style-type: none"> Gateway 1: How and why food consumption patterns changed since 1980s? Gateway 2: What are the trends and challenges in production of food crops 	<p>Written Paper</p> <p>Structured-Essay Questions</p> <p>15 marks</p> <p>30 minutes</p>
DESIGN & TECHNOLOGY	Design Based Question	<p>Written Paper</p> <p>26 marks</p> <p>40 minutes</p>
NUTRITION & FOOD SCIENCE	<p>Chapter 4: Vitamins</p> <p>Chapter 15: Food Safety</p>	<p>Written Paper</p> <p>Section A - MCQ</p> <p>Section C - Essay Question</p> <p>25 marks</p> <p>30 minutes</p>





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SUBJECT	SKILLS/TOPICS TESTED	FORMAT OF ASSESSMENT
ART	Coursework in progress Paper 1	NA
PRINCIPLES OF ACCOUNTS	Chapter 14: Equities (Sole Proprietorship)	Written Paper Paper 1 Format 30 marks 45 minutes





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Assessment Information for Secondary 4 NORMAL (ACADEMIC) Term 1 Non-Weighted Assessment 2023:

SUBJECT	SKILLS/TOPICS TESTED	FORMAT OF ASSESSMENT
ENGLISH LANGUAGE (EXP)	Paper 2: Reading Comprehension	Written Paper 25 marks 50 minutes
ENGLISH LANGUAGE (NA)	Paper 2: Reading Comprehension	Written Paper 25 marks 50 minutes
CHINESE LANGUAGE (EXP)	Paper 2: Comprehension	Written Paper 30 marks 40 minutes
CHINESE LANGUAGE (NA)	Paper 2: Comprehension	Written Paper 30 marks 40 minutes
MALAY LANGUAGE (EXP)	Bahasa dan kefahaman	Format Kertas 2 30 marks 40 minutes
MALAY LANGUAGE (NA)	Bahasa dan kefahaman	Format Kertas 2 30 marks 40 minutes
SCIENCE (CHEMISTRY) (EXP)	Chapter 12: Oxidation and Reduction Chapter 11: Salts (exclude qualitative analysis)	Written Paper Section A - 5 MCQ (5 marks) Section B - Structured Questions (15 marks) 25 minutes
SCIENCE (CHEMISTRY) (NA)	Chapter 9: Acids and Bases Chapter 10: Salts	Written Paper Section A - 5 MCQ (5 marks) Section B - Structured Questions (15 marks) 25 minutes
SCIENCE (PHYSICS) (EXP)	Chapter 10: Light Chapter 12: Electromagnetic Waves Chapter 13: Sound	Written Paper Section A - 5 MCQ (5 marks) Section B - Structured Questions (15 marks) 25 minutes
SCIENCE (PHYSICS) (NA)	Chapter 10: Waves Chapter 11: Electromagnetic Waves	Written Paper Section A - 5 MCQ (5 marks) Section B - Structured Questions (15 marks) 25 minutes





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SUBJECT	SKILLS/TOPICS TESTED	FORMAT OF ASSESSMENT
SCIENCE (BIOLOGY) (EXP)	Chapter 10: Respiration in Humans	Written Paper Section A - 5 MCQ (5 marks) Section B - Structured Questions (15 marks) 25 minutes
SCIENCE (BIOLOGY) (NA)	Chapter 10: Respiration in Humans	Written Paper Section A - 5 MCQ (5 marks) Section B - Structured Questions (15 marks) 25 minutes
MATHEMATICS (EXP)	<u>Topics tested in Sec 3 2022</u> Chapter 6: Further Trigonometry Chapter 7: Applications of Trigonometry Chapter 8: Arc Length, Sector Area and Radian Measure Chapter 11: Geometrical Properties of Circles	Written Paper Paper 1 Format 30 marks 45 minutes
MATHEMATICS (NA)	<u>Topics tested in Sec 3 2022</u> Chapter 7: Further Trigonometry <u>Topics tested in Sec 4 2023</u> Chapter 1: Applications of Trigonometry	Written Paper Paper 1 Format 25 marks 45 minutes
ADDITIONAL MATHEMATICS (NA)	Chapter 10: Trigonometric Functions Chapter 11: Trigonometric Identities and Equations Chapter 12.1: Understanding the Notation of Derivation Chapter 12.2: Chain Rule	Written Paper Paper 1 Format 30 marks 45 minutes





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SUBJECT	SKILLS/TOPICS TESTED	FORMAT OF ASSESSMENT
SOCIAL STUDIES (NA)	<p>Chapter 6: What are the experiences and effects of living in a diverse society?</p> <p>Skills: Analyse and evaluate a range of source materials through:</p> <ul style="list-style-type: none"> comprehending and extracting relevant information drawing inferences from given information recognising values and detecting bias Comparing and contrasting different views distinguishing between fact, opinion and judgement 	<p>Written Paper</p> <p>Source-Based Questions</p> <p>18 marks</p> <p>35 minutes</p>
GEOGRAPHY ELECTIVE (NA)	<p>Chapter 2: Food Resources</p> <ul style="list-style-type: none"> Gateway 1: How and why food consumption patterns changed since 1980s? Gateway 2: What are the trends and challenges in production of food crops? 	<p>Written Paper</p> <p>Structured-Essay Questions</p> <p>15 marks</p> <p>30 minutes</p>
HISTORY ELECTIVE (NA)	<p>Chapter 6: Outbreak of WWII in Asia-Pacific</p> <p>Skill: Select and give accounts of events or developments, apply knowledge and provide explanations.</p>	<p>Written Paper</p> <p>Structured-Essay Questions</p> <p>12 marks</p> <p>30 minutes</p>
PRINCIPLES OF ACCOUNTS (NA)	<p>Chapter 10: Trade receivables</p> <p>Chapter 11: Non-current assets</p>	<p>Written Paper</p> <p>Paper 1 Format</p> <p>30 marks, 45 minutes</p>
DESIGN & TECHNOLOGY (NA)	Design-based Question	<p>Written Paper</p> <p>26 marks</p> <p>40 minutes</p>
NUTRITION AND FOOD SCIENCE (NA)	<p>Chapter 4: Vitamins</p> <p>Chapter 15: Food Safety</p>	<p>Written Paper</p> <p>Section A - MCQ</p> <p>Section C - Essay Question</p> <p>25 marks</p> <p>30 minutes</p>





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SUBJECT	SKILLS/TOPICS TESTED	FORMAT OF ASSESSMENT
ART (NA)	Coursework in progress Paper 1	NA



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SUBJECT	SKILLS/TOPICS TESTED	FORMAT OF ASSESSMENT
ENGLISH LANGUAGE (NA)	Paper 2: Reading Comprehension	Written Paper 25 marks 50 minutes
ENGLISH LANGUAGE (NT)	Paper 2 Reading Comprehension	Written Paper 40 marks 1 hour
CHINESE LANGUAGE (EXP)	Paper 2: Comprehension	Written Paper 30 marks 40 minutes
CHINESE LANGUAGE (NA)	Paper 2: Comprehension	Written Paper 30 marks 40 minutes
BASIC CHINESE LANGUAGE (NT)	Paper 2: Comprehension	Written Paper 30 marks 40 minutes
MALAY LANGUAGE (NA)	Bahasa dan kefahaman	Format Kertas 2 30 marks 40 minutes
BASIC MALAY LANGUAGE (NT)	Bahasa dan kefahaman	Format Kertas 2 30 marks 40 minutes
SCIENCE (CHEMISTRY) (NA)	Chapter 9: Acids and Bases Chapter 10: Salts	Written Paper Section A - 5 MCQ (5 marks) Section B - Structured Questions (15 marks) 25 minutes
SCIENCE (PHYSICS) (NA)	Chapter 10: Waves Chapter 11: Electromagnetic Waves	Written Paper Section A - 5 MCQ (5 marks) Section B - Structured Questions (15 marks) 25 minutes





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SUBJECT	SKILLS/TOPICS TESTED	FORMAT OF ASSESSMENT
SCIENCE (NT)	Chapter 11: Fitness and Cardiac Health	Written Paper Section A - 5 MCQ (5 marks) Section B - Structured Questions (10 marks) 20 minutes
MATHEMATICS (NA)	Topics tested in Sec 3 2022 Chapter 7: Further Trigonometry Topics tested in Sec 4 2023 Chapter 1: Applications of Trigonometry	Written Paper Paper 1 Format 25 marks 45 minutes
MATHEMATICS (NT)	Chapter 1: Fractional Equations Chapter 2.1: Applications of Quadratic Functions	Written Paper Paper 1 Format 25 marks 45 minutes
COMPUTER APPLICATIONS	<ul style="list-style-type: none">• Internet Application• Spreadsheet Theory• Programming Theory	Written Paper Section A - MCQ Section B - Structured Questions 30 minutes
ELEMENTS OF BUSINESS SKILLS	Coursework in progress	Paper 2

