

Gan Eng Seng School
End of Year Examination 2023
Year 3 Express

Subject	Format	Topics	Duration
English Language	<p>PAPER ONE [70] - 35% Writing</p> <p>Section A: Editing [10] Candidates identify and edit grammatical errors in a short written text.</p> <p>Section B: Situational Writing [30] Candidates write 250–350 words on a given situation which will involve viewing a visual text.</p> <p>Section C: Continuous Writing [30] Candidates write 350–500 words on one of four topics set.</p>		1 h 50 min
	<p>PAPER TWO [50] - 35% Comprehension</p> <p>Section A [5] Candidates respond to questions based on Text 1, a visual text.</p> <p>Section B [20] Candidates respond to a variety of questions based on Text 2, which is a narrative or a recount.</p> <p>Section C [25] Candidates respond to a variety of questions based on Text 3, a non-narrative text, and write an 80-word response to a summary writing task.</p>		1 h 50 min

	<p>PAPER THREE [30] - 10% Listening</p> <p>Section A [22] Candidates respond to a variety of listening tasks based on a number of audio recordings, which candidates will hear twice.</p> <p>Section B [8] Candidates listen to an audio recording and do a simple note-taking exercise. Candidates will hear the recording only once.</p>		45 min
	<p>PAPER FOUR [30] - 20% Oral Communication The two parts in this paper are thematically linked.</p> <p>Part 1: Planned Response [15] Candidates plan and deliver a response to a video clip and accompanying prompt presented on a computer screen.</p> <p>Part 2: Spoken Interaction [15] Candidates engage in a discussion with the Examiners on a topic based on the same video clip.</p>		20 min (including 10 min of preparation time)
Mathematics	<p>Paper 1: [90 Marks][Weighting: 50%] About 26 short answer questions on fundamental skills and concepts. Candidates are to answer ALL questions. The questions include 7-8 marks questions assessing the mathematical processes of reasoning, communication, connections, modelling and higher order thinking skills. These may appear in Paper 1 or Paper 2.</p>	<p>Chapter 1 Quadratic Equations and Quadratic Functions Chapter 2 Linear Inequalities Chapter 3 Indices Chapter 4 Coordinate Geometry Chapter 5 Functions And Graphs Chapter 6 Conditions Of Congruence And Similarity</p>	2 h 15 min

	<p>Paper 2: [90 Marks][Weighting: 50%]</p> <p>Candidates are to answer ALL 9 to 10 questions of various marks and lengths testing more on higher order thinking skills. The last question of 9-10 marks in this paper will focus specifically on applying mathematics to a real-world scenario.</p>	<p>Chapter 7 Further Trigonometry</p> <p>Chapter 8 Applications Of Trigonometry</p> <p>Chapter 9 Arc Lengths, Sector Areas and Radian Measures</p> <p>Chapter 10 Properties Of Circles</p> <p>Include sec 1/2 topics</p> <p>Factors and Multiples</p> <p>Polygon</p> <p>Algebraic Manipulation</p> <p>Number Patterns</p> <p>Pythagoras Theorem</p> <p>Arithmetic</p> <p>Scale of Map</p> <p>Estimation Approximation</p> <p>Percentage</p> <p>Construction</p> <p>Linear function and graph</p> <p>Proportion</p> <p>Data Handling</p> <p>Statistical Averages</p> <p>Volume and Surface Area of Solids</p> <p>Ratio and Rates</p>	2 h 15 min
Additional Mathematics	<p>[100 Marks] About 12 – 14 questions of varying marks and lengths. Candidates are to answer ALL questions.</p> <p>The last question of 6-8 marks in this paper focuses specifically on applying mathematics to a real-world scenario.</p>	<p>Chapter 1 Quadratic Functions</p> <p>Chapter 2 Equations and Inequalities</p> <p>Chapter 3 Surds</p> <p>Chapter 4 Polynomials and Partial Fractions</p> <p>Chapter 5 Exponential Equations and Logarithmic Functions</p> <p>Chapter 6 Binomial</p>	2 h 30 min

		Theorem Chapter 7 Coordinate Geometry Chapter 8 Circles Chapter 9 Application of Straight Line Graphs Chapter 10 Trigonometric Functions Chapter 11 Trigonometric Equations and Identities	
Principles of Accounts	Paper 1: [40 Marks] 3 to 4 compulsory structured questions. Candidates are to answer ALL questions.		1h
	Paper 2: [60 marks] Answer 4 compulsory structured questions. <ul style="list-style-type: none"> One question requires the preparation of financial statements for a business for one financial year. (20 marks) A scenario-based question (7 marks) will be part of one of the 3 remaining questions. [Weighting: 60%] 		2h
Humanities (Social Studies) (2260/01 OR 2261/01)	Section A (35m) Candidates are to answer all 5 questions. Section B (15m) Candidates are to answer BOTH questions.	Section A: Source-Based Cse Study (SBCS) Skills tested: 1. Inference 2. Purpose 3. Comparison 4. Reliability 5. Utility Section B: Structured-Response Question Issue 1: Exploring Citizenship & Governance Chapters 1 - 4 Issue 2: Living in a Diverse	1 h 45 min

		Society Chapters 5&6	
Humanities (Geography) (2260/02)	Structured Essay Questions: Question 1: Geography in Everyday Life [15m] Question 2: Plate Tectonics [20m]	Topics: 1) Geography in Everyday Life 2) Plate Tectonics	1 h 15 min
Humanities (History) (2261/02)	Section A (Source Based Case Study, 30m) Candidates are to answer all questions. Section B (Structured Essay Questions, 20m) Candidates are to answer TWO OUT OF THREE questions	Unit 2 Chapters 1-5	1 h 50 40 min
Pure History	Section A (Source Based Case Study, 30m) Candidates are to answer all questions. Section B (Structured Essay Questions, 20m) Candidates are to answer TWO OUT OF THREE questions	Chapters 1-8	1 h 50 min
Design & Technology (7059)	Paper 1 Written Examination (2 hours) [40% of the total mark for the subject.] Candidates are to answer all questions. The questions will be design- centric. Question 1 requires knowledge application of Section 1 Design. Question 2 to Question 4 require knowledge application of Section 2 Technology; specifically structures, mechanisms and electronics. The mark allocation is: Question 1 : 26 out of 80 marks Question 2 – 4 : 54 out of 80 marks	Section 1 Design 1 Planning and monitoring your design project 2 Formulating your design brief and specifications 3 Generating and developing your ideas 4 Communicating your proposed design solution 5 Realising the prototype Section 2 Technology 6 Materials 7 Structures 8 Control systems 9 Electronics 10 Mechanisms 11 Workshop Processes	2 h
Biology 6093	Paper 1: 40 compulsory multiple choice questions [40 marks] Weighting: 37.5 %	As stated in paper 2	1 h

	<p>Paper 2: Structured and Free Response [80 marks] Weighting: 62.5 % Section A [70 marks]: will contain a number of compulsory structured questions, with one free response question and one data-based question as the last two questions. The last two questions will carry a total of 20 marks. The data-based question requires candidates to interpret, evaluate or solve problems using a stem of information. The data-based question will carry 8–12 marks. Section B [10 marks]: will consist of two free response questions. Candidates must answer only one out of these two questions.</p>	<p>Chap 1. Cell Structure & Organisation Chap 2. Movement of Substances Chap 3. Biological molecules Chap 4. Enzymes Nutrition in Humans Chap 5. Nutrition in Humans Chap 6. Transport in Humans Chap 7. Respiration in Humans Chap 8. Excretion in Humans Chap 9. Homeostasis (Partial - no Hormonal Control) Excretion. Chap 12. Nutrition and Transport in Plants</p>	1 h 45 min
Chemistry 6092	<p>Paper 1: 40 compulsory multiple choice questions [40 marks] Weighting: 37.5 %</p>	As stated in paper 2	1 h
	<p>Paper 2: Structured and Free Response [80 marks] Weighting: 62.5 % Section A [70 marks]: will contain a number of compulsory structured questions, with one free response question and one data-based question as the last two questions. The last two questions will carry a total of 20 marks. The data-based question requires candidates to interpret, evaluate or solve problems using a stem of information. The data-based question will carry 8–12 marks. Section B [10 marks]: will consist of two free response questions. Candidates must answer only one out of these two questions.</p>	<p>Chapters: 1. Experimental Chemistry 2. Kinetic Particle Theory 3. Atomic Structure 4. Chemical Bonding 5. Structure and Properties of Materials 6. Chemical Formulae and Equations 7. Mole Concept and Stoichiometry 8. Acids and Bases 9. Salts 11. Qualitative Analysis 14. The Periodic Table 15. The Reactivity Series (up to Textbook 15.2)</p>	1 h 45 min
Physics 6091	<p>Paper 1: 40 compulsory multiple choice questions [40 marks] Weighting: 37.5 %</p>	Chapter 1: Physical Quantities, Units & Measurements	1 h

	<p>Paper 2: Structured and Free Response [80 marks] Weighting: 62.5 % Section A [70 marks]: will contain a number of compulsory structured questions, with one free response question and one data-based question as the last two questions. The last two questions will carry a total of 20 marks. The data-based question requires candidates to interpret, evaluate or solve problems using a stem of information. The data-based question will carry 8–12 marks. Section B [10 marks]: will consist of two free response questions. Candidates must answer only one out of these two questions.</p>	<p>Chapter 2: Kinematics Chapter 3: Dynamics I (Mass & Weight) Chapter 4: Dynamics II (Forces) Chapter 5: Turning Effects of Forces Chapter 6: Pressure Chapter 7: Energy Chapter 8: Kinetic Particle Model of Matter Chapter 9: Thermal Processes Chapter 10: Thermal Properties of Matter Chapter 11: General Wave Properties I (Introduction) Chapter 13: Electromagnetic Waves Chapter 14: Light</p>	1 h 45 min
			1 h 30 min
Science (Phy, Chem) 5086	<p>Paper 1: 40 compulsory multiple choice questions [40 marks] Weighting: 23.5 %</p>	As stated in Paper 2 & Paper 3	1 h
	<p>Paper 2: Structured and Free Response (Physics) [65 marks] Weighting: 76.5 % Section A will carry 45 marks and will contain a number of compulsory structured questions of variable mark value. Section B will carry 20 marks and will contain three questions, each of 10 marks. Candidates are required to answer any two questions.</p>	<p>Chapter 1: Physical Quantities, Units & Measurements Chapter 2: Kinematics Chapter 3: Dynamics Chapter 4: Mass, Weight & Density Chapter 5: Turning Effects of Forces Chapter 6: Pressure Chapter 7: Work, Energy & Power Chapter 8: Kinetic Model of Matter Chapter 9: Transfer of Thermal Energy Chapter 10: Thermal Properties of Matter Chapter 11: General Wave Properties Chapter 12: Light Chapter 13:</p>	1 h 15 min

		Electromagnetic Spectrum	
	<p>Paper 3: Structured and Free Response (Chemistry) [65 marks] Weighting: 76.5 % Section A will carry 45 marks and will contain a number of compulsory structured questions. The last question will carry 10 marks. Section B will carry 20 marks and will contain three questions, each of 10 marks. Candidates must answer any two questions.</p>	<p>Chap 1. Experimental Chemistry Chap 2. Kinetic Particle Theory Chap 3. Atomic Structure Chap 4. Chemical Bonding Chap 5. Structure and Properties of Materials Chap 6. Chemical Formulae and Equations Chap 7. Mole Concept and Stoichiometry Chap 8. Acids and Bases Chap 9. Qualitative Analysis Chap 11. Periodic Table</p>	1 h 15 min
Chinese Language	Paper 1 : 电邮 (20 分), 作文 (40 分)	Not Applicable	2 h
	Paper 2 : 综合填空 (5 分), 词语替换 (10 分), 阅读理解一 (20 分), 阅读理解二 (35 分)	单元一 至 单元六	1 h 30 min
	Paper 3 : 听力 (20 分) / 口试 (50 分)	Not Applicable	30 min / 15 min
Higher Chinese	Paper 1 : 电邮 (20 分), 作文 (60 分)	Not Applicable	2 h
	Paper 2 : 综合填空 (10 分), 病句改正 (10 分), 阅读理解一 (10 分), 阅读理解二 (38 分), 片段缩写 (12 分)	单元一 至 单元六	1 h 45 min
	Paper 3: 口试 (40 分)	Not Applicable	15 min
Malay Language	Paper 1 : Bahagian A (20 marks): E-mel rasmi / Blog / Forum; Bahagian B (40 marks): Naratif / Ekspositori	Not Applicable	2 h
	Paper 2 : Bahagian A: Bahasa (20 marks); Bahagian B: Kefahaman Objektif (20 marks); Bahagian C: Kefahaman Subjektif (30 marks)	Not Applicable	1h 30 min
	Paper 3 : Kefahaman Mendengar (20 marks); Lisan - Bacaan & Perbualan (50 marks)	Not Applicable	30 min / 15 min

Tamil Language	Paper 1 : மின்னஞ்சல் (20marks), கட்டுரை (40marks)	Not Applicable	2 h
	Paper 2 : மரபு (10marks), கருத்துமாறா (10marks), அமைப்பு (10marks), தெரிவு (10marks), சுயவிடை (30marks)	Not Applicable	1 h 30 min
	Paper 3 : கேட்டல் (20marks), வாய்மொழி (50marks)	Not Applicable	30 min / 15 min
	* The total marks will be converted into 100%		