

Gan Eng Seng School
Mid-Year Examination 2018
Year 4 Express

Subject	Format	Topics	Duration
English Language (1128)	<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>	<p>Modules covered in Sec One, Sec Two and Sec Three</p> <p>Modules: Love & Marriage Ageism Science & Technology Ethics & Values</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 [24] Candidates respond to a variety of listening tasks based on a number of audio recordings, which candidates will hear twice.</p> <p>Section B [6] 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: Reading Aloud [10] Candidates read aloud a short text.</p> <p>Part 2: Spoken Interaction [20] Candidates engage in a discussion with the examiners on a topic based on a visual stimulus.</p>		20 min
Mathematics (4048)	<p>Paper 1: [80 Marks][Weighting: 50%] About 25 short answer questions on fundamental skills and concepts. Candidates are to answer ALL questions.</p>	<p>1 NUMBERS AND ALGEBRA 1.1 Numbers and the four operations 1.2 Ratio, rate and proportion 1.3 Percentage 1.4 Speed 1.5 Algebraic representation and formulae 1.6 Algebraic manipulation 1.7 Functions and graphs 1.8 Solutions of equations and inequalities 1.9 Applications of mathematics in practical situations 1.10 Set language and notation 1.11 Matrices</p>	2 h
	<p>Paper 2: [100 Marks][Weighting: 50%] There will be 10 to 11 questions of varying marks and lengths. The last question in this paper will focus specifically on applying mathematics to a real-world scenario. Candidates are required to answer all questions.</p>	<p>2 GEOMETRY AND MEASUREMENT 2.1 Angles, triangles and polygons 2.2 Congruence and similarity 2.3 Properties of circles 2.4 Pythagoras' theorem and trigonometry 2.5 Mensuration 2.6 Coordinate geometry</p> <p>3 STATISTICS AND PROBABILITY 3.1 Data handling 3.2 Data analysis 3.3 Probability</p>	2 h 30 min
Additional Mathematics (4047)	<p>Paper 1: [80 Marks][Weighting: 44%] 11 to 13 questions of various marks and lengths testing more on the fundamental skills and concepts. Candidates are to answer ALL questions.</p>	<p>ALGEBRA Equations and inequalities Indices and surds Polynomials and Partial Fractions Binomial expansions Power, Exponential, Logarithmic, and Modulus functions GEOMETRY AND TRIGONOMETRY Trigonometric functions, identities and equations Coordinate geometry in two dimensions CALCULUS Differentiation and integration (Exclude Chapter 19 & Chapter 20 Kinematics)</p>	2 h
	<p>Paper 2: [100 Marks][Weighting: 56%] 9 to 11 questions of various marks and lengths. The last question of 6-8 marks in this paper focuses specifically on applying mathematics to a real-world scenario. Candidates are to answer ALL questions.</p>		2 h 30 min
Principles of Accounts (7175)	<p>Paper 1: [40 Marks] 3 to 4 compulsory structured questions. Candidates are to answer ALL questions.</p>	<p>1. THE ROLES OF ACCOUNTING 1.1 Accounting and Book-keeping 1.2 Roles of Accounting 1.3 Stakeholders 1.4 Professional Ethics 1.5 Profit-making Entities 1.6 Forms of Entities 1.7 Accounting Theories 2. THE ACCOUNTING INFORMATION SYSTEM 2.1 Elements of Financial Statements 2.2 Double entry Recording 2.3 Accounting Equation 2.4 Journal Entry 2.5 Ledger Account 2.6 Accounting System and Accounting Cycle 2.7 Source Documents 2.8 Journals 2.9 Cash Book 2.10 Special Journals 2.11 General Journal 2.12 Petty Cash Book 2.13 General and Subsidiary Ledgers 2.14 Trial Balance 2.15 Bank Reconciliation 3. ELEMENTS OF THE FINANCIAL STATEMENTS 3.1 Sales Revenue, Other Income, Cost of Sales and Expenses 3.2 Balance Day Adjustments 3.3 Trade Receivables 3.4 Inventories 3.5 Trade Payables 3.6 Control Accounts 3.7 Capital and Revenue Expenditure 3.10 Long-term Borrowings 3.11 Correction of Errors 4. THE FINANCIAL STATEMENTS 4.1 Balance Sheet 4.2 Income Statement 5. BUSINESS ENTITIES 5.1 Sole Proprietorship</p>	1 h
	<p>Paper 2: [60 Marks] Section A (48 marks) 3-4 compulsory structured questions. One question will be on the preparation of financial statement, which carries 20 marks. The remaining two questions average 14 marks. Candidates are to answer ALL questions. Section B (12 marks) Candidates are to answer any 1 out of 2 structured questions.</p>		2 h

Humanities (Social Studies) (2272 / 2273)	Paper 1: 2272/01 or 2273/01 (50%) Section A (35m) Candidates are to answer all 5 questions. Section B (15m) Candidates are to answer BOTH part (a) and part (b) of ONE question	Section A: Source-Based Question (SBQ) Skills tested: 1. Inference 2. Comparison 3. Reliability 4. Utility 5. Evaluation Section B: Structured-Essay Questions Themes tested: 1. Deterrence and diplomacy 2. Harmony in Multi-Ethnic Societies 3. Sustaining Economic Development	1 h 45 min
Humanities (Geography) (2272)	Paper 2: 2272/02 (50%) Section A (13m) - Geographical Investigations Candidates are to answer one of 2 questions. Section B (12m) - Structured Essay Questions Candidates are to answer one of 2 questions. Section C (25m) - Structured Essay Questions Candidates are to answer one compulsory question.	Section A: Geographical Investigations Topics: 1. Global Tourism 2. Variable Weather and Climate Section B: Structured Essay Questions Topics: 1. Global Tourism 2. Variable Weather and Climate Section C: Structured Essay Questions Topics: 1. Living with Tectonic Hazards	1 h 40 min
Humanities (History) (2273)	Paper 3: 2273/02 (50%) Section A (30m) Candidates are to answer all questions. Section B (20m) Candidates are to answer one out of two questions.	Section A: Source-based Case Study - Korean War Section B: Structured-essay Questions - Start of the Cold War in Europe - World War 2 in the Asia-Pacific	1 h 40 min
Design & Technology (7051)	Paper 1 comprises of Part A & Part B. [30% of the total marks for the subject] Part A [40% of the total marks of the paper – 40 out of 100 marks] Five questions requiring short answers. Candidates are to answer ALL questions. Part B [60% of the total marks of the paper – 60 out of 100 marks] Candidates are required to answer all three questions	Part A: Item testing on Design: - Design Method - Project Management - Research - Need Definition - Idea Generation and Development - Realisation Plan - Evaluation - Design & Technology in Society - Design Communication - Ergonomics and Anthropometry Part B: Item testing on 3 technological areas: - Structures, - Mechanisms and - Electronics	2 h
Biology (6093)	Paper 1: Weighting 30 % 40 compulsory multiple choice questions [40 marks]	1. Cell Structure and Organisation 2. Movement of Substances 3. Biological Molecules 4. Nutrition in Humans 5. Nutrition in Plants 6. Transport in Flowering Plants 7. Transport in Humans 8. Respiration in Humans 9. Excretion in Humans 10. Homeostasis 11. Co-ordination and Response 12. Reproduction 13. Cell Division 14. Molecular Genetics 15. Inheritance	1 h
	Paper 2: Weighting 50 % Structured and Free Response [80 marks] Section A [50 marks]: consist of a variable number of compulsory structured questions. Section B [30 marks]: consist of 3 free response questions. The first two questions are compulsory questions, one of which will be a data-based question requiring candidates to interpret, evaluate or solve problems using a stem of information. This question will carry 8–12 marks. The last question will be presented in an either/or form and will carry 10 marks.		1 h 45 min
	Paper 3: Weighting 20 % Practical [40 marks] Comprise two to three compulsory practical questions. One or more of the questions may incorporate assessment of Planning (P) and require candidates to apply and integrate knowledge and understanding from different sections of the syllabus. The assessment of PDO and ACE may include questions on data-analysis which do not require practical equipment and apparatus.		1 h 50 min
Chemistry (6092)	Paper 1: Weighting 30 % 40 compulsory multiple choice questions [40 marks]	1) Kinetic particle theory 2) Measurement and experimental techniques 3) Separation and purification 4) Elements compounds and mixture 5) Atomic structure 6) Chemical bonding 7) Chemical formula, Mole concept and stoichiometry 8) Acids Bases and Salts 9) Redox reaction 10) Metals	1 h
	Paper 2: Weighting 50 % Structured and Free Response [80 marks] Section A [50 marks]: consist of a variable number of compulsory structured questions. Section B [30 marks]: consists of three questions. The first two questions are compulsory questions, one of which will be a data-based question requiring candidates to interpret, evaluate or solve problems using a stem of information. This question will carry 8–12 marks. The last question will be presented in an either/or form and will carry 10 marks.		1 h 45 min
	Paper 3: Weighting 20 % Practical [40 marks] Consists of a variable number of compulsory practical questions. One, or more, of the questions may incorporate assessment of planning (P) and require candidates to apply and integrate knowledge and understanding from different sections of the syllabus. The assessment of PDO and ACE may include questions on data-analysis which do not require practical equipment and apparatus.	11) The periodic table 12) Energy changes 13) Speed of reaction 14) Atmosphere and environment 15) Organic chemistry (alkanes, alkenes & alcohol) 16) Electrolysis 17) Ammonia	1 h 50 min
Physics (6091)	Paper 1: Weighting 30 % 40 compulsory multiple choice questions [40 marks]	1. Physical Quantities, Units and Measurement 2. Kinematics 3. Dynamics 4. Mass, Weight and Density 5. Turning Effect of Forces 6. Pressure 7. Energy, Work and Power 8. Kinetic Model of Matter 9. Transfer of Thermal Energy 10. Temperature 11. Thermal Properties of Matter 12. General Wave Properties 13. Light 14. Electromagnetic Spectrum 15. Sound 16. Static Electricity 17. Current of Electricity 18. D.C. Circuits 19. Practical Electricity 20. Magnetism 21. Electromagnetism	1 h
	Paper 2: Weighting 50 % Structured and Free Response [80 marks] Section A [50 marks]: consist of a variable number of compulsory structured questions. Section B [30 marks]: consist of three questions. The first two questions are compulsory questions, one of which will be a data-based question requiring candidates to interpret, evaluate or solve problems using a stem of information. This question will carry 8–12 marks. The last question will be presented in an either/or form and will carry 10 marks.		1 h 45 min
	Paper 3: Weighting 20 % Practical [40 marks] Section A [20 marks]: consist of 1–2 compulsory practical experiment questions with a total duration of 55 min. Section B [20 marks]: consist of one compulsory 55 min practical experiment question. One or more of the questions may incorporate assessment of Planning (P) and require candidates to apply and integrate knowledge and understanding from different sections of the syllabus. The assessment of PDO and ACE may include questions on data-analysis which do not require practical equipment and apparatus.		1 h 50 min
Literature in English (2065)	PAPER ONE: Prose and Unseen Texts [50] There will be two sections in this paper. Candidates will select one question from each of the two sections. In total, candidates will answer two questions. Each question is 25% of the total weighting. Section A: Prose [25] One passage-based question and two essay questions will be set. Section B: Unseen Prose and Poetry [25] Two questions will be set – one on an unseen prose extract, and one on an unseen poem.	The Midwich Cuckoos	1 h 40m
	PAPER TWO: Drama [50] One passage-based question and two essay questions will be set. Candidates will answer one compulsory passage-based question and one essay question on the selected text. Each question is 25% of the total weighting.	Julius Caesar	1 h 30m
	Paper 1: Weighting 20 % 40 compulsory multiple choice questions [40 marks]	As stated in Paper 2 & Paper 3	1 h

Science (Phy, Chem) (5076)	<p>Paper 2: Weighting 65% Structured and Free Response (Physics) [65 marks] 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>1. Physical Quantities, Units and Measurement 2. Kinematics 3. Dynamics 4. Mass, Weight and Density 5. Turning Effect of Forces 6. Pressure 7. Energy, Work and Power 8. Kinetic Model of Matter 9. Transfer of Thermal Energy 10. Thermal Properties of Matter 11. General Wave Properties 12. Light 13. Electromagnetic Spectrum 14. Sound 15. Static Electricity 16. Current of Electricity 17. D.C. Circuits 18. Practical Electricity 19. Magnetism and Electromagnetism</p>	1 h 15 min
	<p>Paper 3: Structured and Free Response (Chemistry) [65 marks] Weighting: 65% 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>1. Experimental Chemistry 2. The Particulate Nature of Matter 3. Formulae, Stoichiometry and the Mole Concept 4. Energy Changes 5. Chemical Reactions 6. Acids, Bases and Salts 7. The Periodic Table 8. Metals 9. Air 10. Organic Chemistry (fuels, alkanes and alkenes) 11. Speed of Reaction 12. Redox Reaction 13. Atomic Structure 14. Chemical Bonding</p>	1 h 15 min
	<p>Paper 5: Weighting 15% Practical Test [30 marks] One or two compulsory questions on each of the two Sciences.</p>	As stated in Paper 2 & Paper 3	1 h 30 min
Chinese Language* (1160)	Paper 1: 电邮 (20分), 作文 (40分)	Not Applicable	2 h
	Paper 2: 综合填空 (10分), 阅读理解一 (20分), 阅读理解二 (40分)	Not Applicable	1 h 30 min
	Paper 3: 听力 (20分) / 口试 (50分): 朗读 10分, 录像会话 40分	Not Applicable	30 min / 15min
Higher Chinese* (1116)	Paper 1: 电邮 (20分), 作文 (60分)	Not Applicable	2 h
	Paper 2: 短文填空 (10分), 病句改正 (10分), 阅读理解一 (10分), 阅读理解二 (38分), 长文缩写 (12分)	Not Applicable	1 h 45min
	Paper 3: 口试 (40分)	Not Applicable	30 min
Chinese Language Syllabus B* (1153)	Paper 1: 电邮 / 看图作文 (20分)	Not Applicable	50 min
	Paper 2: 语文应用 (10分), 阅读理解一 (10分), 阅读理解二 (10分)	Not Applicable	1 h
	Paper 3: 听力 (20分) / 口试 (30分)	Not Applicable	30 min / 15min
Malay Language* (1148)	Paper 1: Bahagian A (20marks); E-mel rasmi dan tidak rasmi. Bahagian B (40marks): deskriptif/naratif/ekspositori/Perbincangan(argumentatif)	Not Applicable	2 h
	Paper 2: Bahagian A (30marks): Imbuan/peribahasa/prosedur kloz. Bahagian B (10marks): Kef. Objektif. Bah C (30marks): Kef. Sub	Not Applicable	1 h 30 min
	Paper 3: Kefahaman Mendengar (20 markah), Lisan (50 markah)	Not Applicable	30 min / 15min
Tamil Language* (1157)	Paper 1: மொழிபெயர்ப்பு (20marks), உட்பொருள் (40marks)	Not Applicable	2 h
	Paper 2: மொழி (10marks), சொற்கள்பயன்பாடு (10marks), அரண்பெயர்வு (10marks), சிந்தனை (10marks), சுவாமிநிலை (30marks)	Not Applicable	1 h 30 min
	Paper 3: கேள்வி-விடை (20marks), வாய்மொழி (50marks)	Not Applicable	30 min / 15min

* The total marks will be converted into 100%