

Bartley Secondary School
End-of-Year Exam Component/Topics 2025
Secondary Three Express

SUBJECT	COMPONENT/TOPIC
English	Paper 1: Section A: Editing Section B: Situational Writing Section C: Continuous Writing Paper 2: Comprehension and Summary Paper 3: Listening Comprehension
Mathematics	Sec 3E Textbook Chapter 1 Quadratic Equations and Functions Chapter 2 Linear Inequalities Chapter 3 Indices Chapter 4 Coordinate Geometry Chapter 5 Functions and Graphs Chapter 6 Congruence and Similarity Chapter 7 Further Trigonometry Lower Secondary Topics Numbers, Factors and Multiples Ratio, rate & Percentages Algebra Number Pattern
A Math	Textbook A Chapter 1 Quadratic Functions Chapter 2 Equations and Inequalities Chapter 3 Surds Chapter 4 Polynomials and Partial Fractions Chapter 5 Exponential and Logarithmic Functions Chapter 6 Binomial Theorem Chapter 7 Coordinate Geometry Chapter 8 Circles Chapter 9 Applications of Straight Line Graphs Chapter 10 Trigonometric Functions Chapter 11.1 to 11.2 Trigonometric Identities and Equations

SUBJECT	COMPONENT/TOPIC
Physics	1. Physical Quantities, Units and Measurements 2. Kinematics 3. Dynamics 4. Turning Effects of Forces 5. Pressure 6. Energy 7. Kinetic Particle Model of Matter 8. Thermal Processes 9. Thermal Properties of Matter 10. General Wave Properties 11. Electromagnetic Spectrum 12. Light (lens not tested)
Chemistry	Chapter 1: Experimental Chemistry Chapter 2: Kinetic Particle Theory Chapter 3: Atomic Structure Chapter 4: Chemical Bonding Chapter 5: Structure and Properties of Materials Chapter 6: Chemical Formulae and Equations Chapter 7: Mole Concept and Stoichiometry Chapter 8: Acids and Bases Chapter 9: Salts Chapter 11: Qualitative Analysis Chapter 14: The Periodic Table Chapter 15: The Reactivity Series
Biology	1. Cell Structure and Organisation 2. Movement of Substances 3. Biological Molecules 4. Nutrition in Humans 5. Transport in Humans 6. Respiration in Humans 9. Infectious Diseases in Humans 10. Nutrition and Transport in Flowering Plants 11. Excretion
Science (Physics)	1. Physical Quantities, Units and Measurement 2. Kinematics 3. Force and Pressure 4. Dynamics 5. Turning Effect of Forces 6. Energy 7. Kinetic Particle Model of Matter 8. Thermal Processes 9. General Wave Properties
Science (Chemistry)	Chapter 1 - Experimental Chemistry Chapter 2 - Kinetic Particle Theory Chapter 3 - Atomic Structure Chapter 4 - Chemical Bonding Chapter 5 - Structure and Properties of Materials Chapter 6 - Chemical Formulae and Equations Chapter 8 - Acids and Bases Chapter 11 - The Periodic Table

SUBJECT	COMPONENT/TOPIC		
	Chapter 12 - The Reactivity Series (12.1 only)		
Science (Biology)	1. Cell Structure and Organisation 2. Movement of Substances 3. Biological Molecules 4. Nutrition in Humans 5. Transport in Humans 8. Nutrition and Transport in Flowering Plants		
Higher Chinese	试卷一： 1. 电邮(二选一) 2. 作文(三选一)	试卷二： 1. 综合填空 2. 词语替换 3. 阅读理解一 4. 阅读理解二 字词：1A - 4B 快捷字词 技能：1A - 4B 快捷技能	试卷三： 1. 听力考试(T2已进行)
Chinese Language	试卷一： 1. 电邮(二选一) 2. 作文(三选一)	试卷二： 1. 综合填空 2. 词语替换 3. 阅读理解一 4. 阅读理解二 字词：单元五 技能：1A - 3B 技能	试卷三： 1. 听力考试
Chinese B (CLB)	试卷一： e-Written 电子邮件和看图作文(二选一)	试卷二： e-Written 1. 语文应用 2. 阅读理解一 3. 阅读理解二	试卷三： 1. 听力考试
Malay Language	Paper 1 A: Penulisan Fungsional B: Penulisan Karangan	Paper 2 A: Penggunaan Bahasa B: Kefahaman Objektif C: Kefahaman Subjektif	Paper 3 Kefahaman Mendengar
Malay B (MLB)	Paper 1 - e-Written 1. Penulisan E-mel 2. Penulisan Karangan Bergambar	Paper 2 - e-Written A: Melengkapkan Teks B: Kefahaman 1 C: Kefahaman 2	Paper 3 Kefahaman Mendengar
Tamil Language	தாள் 1 மின்னஞ்சல் கட்டுரை / கதை	தாள் 2 A1. மரபுத்தொடர் / இணைமொழி A2. முன்னுணர்வுக் கருத்தறிதல் A3. தெரிவுவிடைக் கருத்தறிதல் B4. பிழை திருத்தம் C5. சுயவிடைக் கருத்தறிதல் / சொற்பொருள்	தாள் 3 கேட்டல் கருத்தறிதல்

SUBJECT	COMPONENT/TOPIC
Geography	GIEL Tourism Climate: Topic 1.1 - 1.3
Social Studies	Section A : Issue 1 Citizenship & Governance SBQ : 5 questions Making inference: message, partiality and purpose Comparing sources Evaluating sources Section B: Issue 2: Living in a Diverse Society SRQ : 2 Questions 6 & 7
Elective Geography	GIEL Tectonics: Topics 1 & 2 (volcanoes only)
Elective History	Section A: SBQ Outbreak of War in Europe Skills: Inference, purpose, comparison, evaluation Section B: SEQ League of Nations Rise of Hitler Japanese Militarism
D&T	1.Design question 2.Electronics 3.Mechanism 4.Structures Coursework component: 1. Journal 2. Mock up 3. Prototype
NFS	All Topics except Chapter 10 - Sustainable Food Consumption Chapter 16 - Convenience Foods Coursework component: <ul style="list-style-type: none"> - Investigation - Conduct - Investigation - Apply - Execution - organisation and management - Execution - manipulation - Execution - product and presentation - Evaluation

SUBJECT	COMPONENT/TOPIC
POA	Chapter 1 Introduction to Accounting Chapter 2 Accounting Information System Chapter 3 Elements of Financial Statements and the Accounting Equation Chapter 4 Double-entry Recording Chapter 5 Trial Balance and Financial Statements Chapter 6 Revenue and Other Income Chapter 7 Cost of Sales and Other Expenses Chapter 8 Cash Chapter 9 Inventories Chapter 12 Trade Payables Chapter 14 Equities (Financial Statements with Adjustments only)
Art	Paper 1: Visual Response
Please note that <ul style="list-style-type: none"> Absence from Examination must be supported by a valid Medical Certificate, otherwise a zero mark would be awarded for the paper that the student has missed. 	