

**Bartley Secondary School**  
**End-of-Year Exam Component/Topics 2024**  
**Secondary Two Express (updated)**

SUBJECT	COMPONENT/TOPIC
<b>English</b>	Paper 1: Section A: Editing Section B: Situational Writing Section C: Continuous Writing  Paper 2: Comprehension and Summary  Paper 3: Listening Comprehension
<b>Math</b>	<p><b><u>All topics covered in Secondary 2 Express Mathematics</u></b></p> Chapter 2. Linear Equations in Two Variables Chapter 3. Expansion and Factorisation of Algebraic Expressions Chapter 4. Algebraic Fractions <b>and Formulae</b> Chapter 5. Quadratic functions, graphs and equations Chapter 6. Proportion Chapter 7. Congruency and Similarity (congruency not tested) Chapter 8. Pythagoras' Theorem Chapter <b>9. Trigonometric Ratios</b> Chapter 10. Volume and Surface Area of Pyramids, Cones and Spheres Chapter 11. Statistical Diagrams Chapter 12. Measures of Central Tendency <p><b><u>Including the following topics taught in Secondary 1</u></b></p> Chapter 1. Factors and Multiples Chapter 8. Rate, ratio and speed Chapter 9. Percentage Chapter 13. Volume and surface area of prisms and cylinders

SUBJECT	COMPONENT/TOPIC		
History	<p><b>SBQ - Inference, Comparison, Purpose</b> Content: Chapter 8 How did Singapore become an Independent Nation (Merger/Seperation)</p> <p><b>SEQ</b> a) list. b) Explain qns a) list. b) Explain qns. Content: Chapter 7: How did the people in Singapore respond to British Rule Chapter 6: What did people in Singapore Experience during the JO?</p>		
Chinese Language	<p>试卷一： 1. 电邮(二选一) 2. 作文(三选一)</p>	<p>试卷二： 1. 填写词语 2. 选词填空 3. 综合填空 4. 阅读理解一 5. 阅读理解二</p> <p>字词: 单元五 技能: 1A - 2B 技能</p>	<p>试卷三： 1. 口试考试(T4W2 放学后进行) 2. 听力考试</p>
Chinese Language B Syllabus (CLB)	<p>试卷一: <b>e-Written</b> 电子邮件和看图作文 (二选一)</p>	<p>试卷二: <b>e-Written</b> 1. 语文应用 2. 阅读理解一 3. 阅读理解二</p>	<p>试卷三： 1. 口试考试(T4W2 放学后进行) 2. 听力考试</p>
Malay Language	<p><b>Paper 1</b> A: Penulisan Fungsional B: Penulisan Karangan</p>	<p><b>Paper 2</b> A: Penggunaan Bahasa B: Kefahaman Objektif C: Kefahaman Subjektif</p>	<p><b>Paper 3</b> 1. Lisan (T4W2) 2. Kefahaman Mendengar (T4W3)</p>
Tamil Language	<p><b>தாள் 1</b> மின்னஞ்சல் கட்டுரை / கதை</p>	<p><b>தாள் 2</b> A1. மரபுத்தொடர் / இணைமொழி A2. முன்னுணர்வுக் கருத்தறிதல் A3. தெரிவுவிடைக் கருத்தறிதல் B4. பிழை திருத்தம் C5. சுயவிடைக் கருத்தறிதல் / சொற்பொருள்</p>	<p><b>தாள் 3</b> 1. கேட்டல் கருத்தறிதல் (T4W2) 2. வாய்மொழித் தேர்வு (T4W3)</p>
Literature	<p>Section A: Set Text (The Boy in the Striped Pyjamas) Passage-based Question Section B: Unseen Poetry</p>		

SUBJECT	COMPONENT/TOPIC
<b>Science</b>	Sec 1 Topics Chapter 2 - Exploring Diversity of Matter by Its Physical Properties Chapter 3 - Exploring Diversity of Matter by its Chemical Composition Chapter 6 - Model of Cells- The Basic Units of Life Chapter 7 - Model of Matter – The Particulate Nature of Matter Chapter 8 - Model of Matter – Atoms and Molecule  Sec 2 Topics Chapter 9 - Application of Forces and Transfer of Energy Chapter 10 - Transfer of Heat Energy and Its Effects Chapter 11 - Chemical Changes Chapter 12 - Interactions Within Ecosystems Chapter 13 - Electrical Systems Chapter 14 - Human Digestive System Chapter 15 - Transport System in Living Things Chapter 16 - Human Sexual Reproductive System
<b>Geography</b>	Housing: full topic Transport: full topic
<b>ART (Project)</b> <i>During curriculum time</i>	Pencil drawing and colouring of “A Bowl of Mee”
<b>D&amp;T (Project)</b> <i>During curriculum time</i>	1. Idea conceptualisation 3D 2. Mock up 3. Prototype 4. Presentation drawing
<b>Please note that</b> <ul style="list-style-type: none"> <li>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.</li> </ul>	

**Bartley Secondary School**  
**End-of-Year Exam Component/Topics 2024**  
**Secondary Two Normal (Academic)**

<b>SUBJECT</b>	<b>COMPONENT/TOPIC</b>
<b>English</b>	Paper 1: Section A: Editing Section B: Situational Writing Section C: Continuous Writing  Paper 2: Comprehension and Summary  Paper 3: Listening Comprehension
<b>Math</b>	All topics covered in Secondary 2 <ol style="list-style-type: none"> <li>1. Linear Equations and Inequalities in One Variable</li> <li>2. Linear Functions and Graphs</li> <li>3. Linear Equations in Two Variables</li> <li>4. Expansion and Factorisation of Algebraic Expressions</li> <li>5. Algebraic Fractions</li> <li>6. Proportion</li> <li>7. Quadrilaterals and Other Polygons</li> <li>8. Map Scale</li> <li>9. Pythagoras' Theorem</li> <li>10. Volume and Surface Area of Pyramids, Cones and Spheres</li> <li>11. Statistical Diagrams</li> <li>12. Measures of Central Tendency</li> </ol> Including the following topics taught in Secondary 1 <ol style="list-style-type: none"> <li>1. Factors and Multiples</li> <li>2. Percentage</li> <li>3. Ratio</li> <li>4. Calculator skills</li> </ol>
<b>Math (SBB)</b>	All topics covered in Secondary 2 <ol style="list-style-type: none"> <li>1. Linear Equations and Inequalities in One Variable</li> <li>2. Linear Functions and Graphs</li> <li>3. Linear Equations in Two Variables</li> <li>4. Expansion and Factorisation of Algebraic Expressions</li> <li>5. Quadratic functions, graphs and equations</li> <li>6. Algebraic Fractions</li> <li>7. Proportion</li> <li>8. Quadrilaterals and Other Polygons</li> <li>9. Congruence and Similarity</li> <li>10. Pythagoras' Theorem</li> <li>11. Volume and Surface Area of Pyramids, Cones and Spheres</li> <li>12. Statistical Diagrams</li> <li>13. Measures of Central Tendency</li> </ol> Including the following topics taught in Secondary 1 <ol style="list-style-type: none"> <li>1. Factors and Multiples</li> </ol>

SUBJECT	COMPONENT/TOPIC		
	2. Percentage 3. Rate, ratio and speed 4. Volume and surface area of prisms		
<b>Science</b>	Sec 1 Topics Chapter 2: Exploring Diversity of Matter by Its Physical Properties (Density only) Chapter 3: Exploring Diversity of Matter by Its Chemical Composition Chapter 6: Model of Cells - The Basic Units of Life Chapter 7: Model of Matter - The Particulate Nature of Matter Chapter 8: Model of Matter - Atoms and Molecules  Sec 2 Topics Chapter 9: Application of Forces and Transfer of Energy Chapter 10: Transfer of Heat Energy and Its Effects Chapter 11: Chemical Changes Chapter 12: Interactions within Ecosystems Chapter 13: Electrical System Chapter 14: Human Digestive System Chapter 15: Transport System in Living Things Chapter 16: Human Sexual Reproductive System		
<b>Science (SBB)</b>	Sec 1 Topics Chapter 2 - Exploring Diversity of Matter by Its Physical Properties Chapter 3 - Exploring Diversity of Matter by its Chemical Composition Chapter 6 - Model of Cells- The Basic Units of Life Chapter 7 - Model of Matter – The Particulate Nature of Matter Chapter 8 - Model of Matter – Atoms and Molecule  Sec 2 Topics Chapter 9 - Application of Forces and Transfer of Energy Chapter 10 - Transfer of Heat Energy and Its Effects Chapter 11 - Chemical Changes Chapter 12 - Interactions Within Ecosystems Chapter 13 - Electrical Systems Chapter 14 - Human Digestive System Chapter 15 - Transport System in Living Things Chapter 16 - Human Sexual Reproductive System		
<b>Chinese Language (Express)</b>	试卷一： 1. 电邮(二选一) 2. 作文(三选一)	试卷二： 1. 填写词语 2. 选词填空 3. 综合填空 4. 阅读理解一 5. 阅读理解二  字词：单元五 技能：1A - 2B 技能	试卷三： 1. 口试考试(T4W2 放学后进行) 2. 听力考试

SUBJECT	COMPONENT/TOPIC		
<b>Chinese Language (Normal Academic)</b>	试卷一： 1. 电邮(二选一) 2. 作文(三选一)	试卷二： 1. 填写词语 2. 选词填空 3. 综合填空 4. 阅读理解一 5. 阅读理解二  字词：单元五 技能：1A - 2B 技能	试卷三： 1. 口试考试(T4W2 放学后进行) 2. 听力考试
<b>Chinese Language B Syllabus (CLB)</b>	试卷一： <b>e-Written</b> 电子邮件和看图作文 (二选一)	试卷二： <b>e-Written</b> 1. 语文应用 2. 阅读理解一 3. 阅读理解二	试卷三： 1. 口试考试(T4W2 放学后进行) 2. 听力考试
<b>Malay Language</b>	<b>Paper 1</b> A: Penulisan Fungsional B: Penulisan Karangan	<b>Paper 2</b> A: Penggunaan Bahasa B: Kefahaman Objektif C: Kefahaman Subjektif	<b>Paper 3</b> Lisan (T4W2) Kefahaman Mendengar (T4W3)
<b>Tamil Language</b>	<b>தாள் 1</b> மின்னஞ்சல் கட்டுரை / கதை	<b>தாள் 2</b> A1. மரபுத்தொடர் / இணைமொழி A2. முன்னுணர்வுக் கருத்தறிதல் A3. தெரிவுவிடைக் கருத்தறிதல் B4. பிழை திருத்தம் C5. சுயவிடைக் கருத்தறிதல் / சொற்பொருள்	<b>தாள் 3</b> 1. கேட்டல் கருத்தறிதல் (T4W2) 2. வாய்மொழித் தேர்வு (T4W3)
<b>Literature</b>	Section A: Set Text (The Boy in the Striped Pyjamas) Passage-based Question Section B: Unseen Poetry		
<b>Geography</b>	Housing: full topic Transport: full topic		
<b>Geography SBB</b>	Housing: full topic Transport: full topic		

SUBJECT	COMPONENT/TOPIC
<b>History</b>	<p><b>SBQ - Inference, Comparison, Purpose</b>  Content: Chapter 8 How did Singapore become an Independent Nation (Merger/Seperation)</p> <p><b>SEQ</b>  <b>a) list. b) Explain qns</b>  <b>a) list. b) Explain qns.</b>  Content: Chapter 7: How did the people in Singapore respond to British Rule  Chapter 6: What did people in Singapore Experience during the JO?</p>
<b>ART (Project)</b> <i>During curriculum time</i>	Pencil drawing and colouring of "A Bowl of Mee"
<b>D&amp;T (Project)</b> <i>During curriculum time</i>	<ol style="list-style-type: none"> <li>1. Idea conceptualisation 3D</li> <li>2. Mock up</li> <li>3. Prototype</li> <li>4. Presentation drawing</li> </ol>
<p><b>Please note that</b></p> <ul style="list-style-type: none"> <li>• 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.</li> </ul>	

**Bartley Secondary School**  
**End-of-Year Exam Component/Topics 2024**  
**Secondary Two Normal (Technical)**

<b>SUBJECT</b>	<b>COMPONENT/TOPIC</b>
<b>English</b>	Paper 1: Section A: Editing Section B: Situational Writing Section C: Continuous Writing  Paper 2: Language Use and Comprehension  Paper 3: Listening Comprehension
<b>Math</b>	<ol style="list-style-type: none"> <li>1. Triangles and Quadrilaterals</li> <li>2. Linear Algebraic Expressions</li> <li>3. Linear Equation in One Variable</li> <li>4. Functions and Graphs</li> <li>5. Proportion</li> <li>6. Rate and Speed</li> <li>7. Mathematics in Practical Situations</li> <li>8. Congruence and Similarity</li> <li>9. Pythagoras' Theorem</li> <li>10. Probability</li> <li>11. Area and Perimeter (Secondary 1 topic)</li> </ol>
<b>Math (SBB)</b>	All topics covered in Secondary 2 <ol style="list-style-type: none"> <li>1. Linear Equations and Inequalities in One Variable</li> <li>2. Linear Functions and Graphs</li> <li>3. Linear Equations in Two Variables</li> <li>4. Expansion and Factorisation of Algebraic Expressions</li> <li>5. Algebraic Fractions</li> <li>6. Proportion</li> <li>7. Quadrilaterals and Other Polygons</li> <li>8. Map Scale</li> <li>9. Pythagoras' Theorem</li> <li>10. Volume and Surface Area of Pyramids, Cones and Spheres</li> <li>11. Statistical Diagrams</li> <li>12. Measures of Central Tendency</li> </ol> Including the following topics taught in Secondary 1 <ol style="list-style-type: none"> <li>1. Factors and Multiples</li> <li>2. Percentage</li> <li>3. Ratio</li> <li>4. Calculator skills</li> </ol>



SUBJECT	COMPONENT/TOPIC	
<b>Science</b>	Chapter 2 - Force Chapter 3 - Energy Chapter 4 - Electricity Chapter 5 - Heat Chapter 6 - Matter Chapter 8 - Air Pollution Chapter 10 - Getting Energy and Nutrients from Food Chapter 11 - Human Reproduction Chapter 12 - Taking Good Care of My Body	
<b>Science (SBB)</b>	Sec 1 Topics Chapter 2: Exploring Diversity of Matter by Its Physical Properties (Density only) Chapter 3: Exploring Diversity of Matter by Its Chemical Composition Chapter 6: Model of Cells - The Basic Units of Life Chapter 7: Model of Matter - The Particulate Nature of Matter Chapter 8: Model of Matter - Atoms and Molecules  Sec 2 Topics Chapter 9: Application of Forces and Transfer of Energy Chapter 10: Transfer of Heat Energy and Its Effects Chapter 11: Chemical Changes Chapter 12: Interactions within Ecosystems Chapter 13: Electrical System Chapter 14: Human Digestive System Chapter 15: Transport System in Living Things Chapter 16: Human Sexual Reproductive System	
<b>Basic Chinese</b>	试卷一： 1. 语文应用 2. 阅读理解一 3. 阅读理解二	1. 听力考试 2. 口试考试 (T4W2 放学后进行)
<b>Basic Malay</b>	<b>Paper 1</b> A: Melengkapkan Teks B: Kefahaman 1 C: Kefahaman 2 & Menulis respons	1. Lisan (T4W2) 2. Kefahaman Mendengar (T4W3)
<b>Basic Tamil</b>	<b>தாள் 1</b> A1. மொழிப் பயன்பாடு-1 A2. மொழிப் பயன்பாடு-2 B3. மரபுத்தொடர் / இணைமொழி C4. கருத்து விளக்கப்படக் கருத்தறிதல் D5. வாசிப்புக் கருத்தறிதல் D6. நடைமுறை சார்ந்த படைப்பு	<b>தாள் 3</b> 1. கேட்டல் கருத்தறிதல் (T4W3) 2. வாய்மொழித் தேர்வு (T4W2)

SUBJECT	COMPONENT/TOPIC
<b>Computer Applications</b>	<p>Paper 1 (Theory) - Computer Fundamentals, Document Processing, Media Elements, Animation and Game Making, Spreadsheet, Interactive Multimedia Communication.</p> <p>Paper 2 (Practical) - Media Element (Inkscape), Document Processing (Word), Interactive Multimedia Communication (Powerpoint)</p>
<b>ART (Project)</b> <i>During curriculum time</i>	Pencil drawing and colouring of "A Bowl of Mee"
<b>D&amp;T (Project)</b> <i>During curriculum time</i>	<ol style="list-style-type: none"> <li>1. Idea conceptualisation 3D</li> <li>2. Mock up</li> <li>3. Prototype</li> <li>4. Presentation drawing</li> </ol>
<p><b>Please note that</b></p> <ul style="list-style-type: none"> <li>● 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.</li> </ul>	