### 2016 Secondary 4 CA2 Topics and Format (O Level)

<table>
<thead>
<tr>
<th>Subject</th>
<th>Topics covered</th>
<th>Format/ Marks/ Duration</th>
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| **English Language**  | **Full Paper 1:** Editing  
Situational Writing  
Continuous Writing   | 1h 50min  
Editing: 10 marks  
Situational Writing: 30 marks  
Continuous Writing: 30 marks |
| **English Literature**| Joy Luck Club                                                                 | Essay Qn  
25 marks  
50 mins |
| **Higher Chinese**    | **Paper 1**  
1) Functional Writing (实用文) (2 qns choose 1)  
   · Informal Email (私人电邮)  
   · Forum Discussion (网上论坛)  
2) Essay (3 qns choose 1)  
   · Narrative Essay [记叙文 （情境作文）]  
   · Persuasive Speech [演讲词 （议论文）]  
   · Analytical/Discursive Essay (材料议论文) | **Paper 1 (80m) 2 hr**  
   - Functional Writing (实用文) (20m)  
   - Essay (作文) (60m) |
| **Chinese**           | -                                                                               | Question & answer  
25 marks/45 minutes |
| **Chinese Literature**| 古代文学-文言文  
《文言寓言三则》《荆轲刺秦王（节选）》《桃花源记》《小石潭记》 | |
| **Social Studies**    | Understanding Governance & Globalisation                                     | Source Based Question 2parts + Structured essay Question part (b). (25 marks)  
Duration : 45 mins |
| **Geography**         | Tectonic Hazards gateway 1-3  
Food Resources gateway 1 & 2                                                | structured qns (25m)  
45 mins |
| **History**           | Unit 3 - Bipolar world: Chapter 2 and 3 (Korean War & Cuban Missile Crisis)   | SBQ (30 marks)  
Duration: 45 minutes |
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<tr>
<td><strong>Elective History</strong></td>
<td>Unit 3 - Bipolar world: Chapter 2 and 3 (Korean War &amp; Cuban Missile Crisis)</td>
<td>SBQ (30 marks) Duration: 50 mins</td>
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<tr>
<td><strong>Elective English Lit</strong></td>
<td>Unseen Poetry</td>
<td>Two questions 25 marks/50 ins</td>
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<tr>
<td><strong>Mathematics</strong></td>
<td>Bk 4 Chap 1 Sets, Bk 4 Chap 2: Probability of Combined Events, Bk 4 Chap 3: Statistical Data Analysis, TYS unit 3.1--3.3, TYS units 1.5--1.10</td>
<td>Structured questions Total 55 marks 1h 15 min</td>
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<tr>
<td><strong>Additional Mathematics</strong></td>
<td>Ex 12 D Problems on maximum &amp; minimum values, Chap 13: Differentiation of Trigonometric, Logarithmic &amp; Exponential Functions and their Applications, Ex 14 A &amp; 14 B Integration, TYS Unit 8 &amp; 9</td>
<td>Structured Questions Total 55 marks 1h 15 min</td>
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<tr>
<td><strong>Biology</strong></td>
<td>Sexual reproduction in Humans (from pg 12 of notes), Molecular genetics, Cell division, Inheritance (pg 1 - 37 of notes)</td>
<td>10 marks MCQ 20 marks structured 20 marks essay (including one DBQ) Total 50 marks 1hr 10 min</td>
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<tr>
<td><strong>Physics</strong></td>
<td>Static Electricity Chp 16, Magnetism Chp 20, Electromagnetism Chp 21, Worksheets 7 to 12</td>
<td>Duration: 1 h 10 mins Section A: MCQ (10 marks) Section B: Short Structured (20 marks) Section C: Data Response Questions (20 marks) Total: 50 marks</td>
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<tr>
<td><strong>Chemistry</strong></td>
<td>Mole Concept, Energy Changes, Speed of Reaction, Petroleum, Alkanes, Kinetic Particle Theory</td>
<td>Total Duration: 1 hr 10 mins Section A: MCQ 10 marks Section B: Short Structured Questions 20 marks Section C: Long Structured / Data Based Questions 20 marks</td>
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<tr>
<td><strong>PE</strong></td>
<td>Chapter 7: Physique</td>
<td>40 marks</td>
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| MEP | Western Music | 2 Western Listening Extracts  
|     | World Music  
|     | (Chinese, Malay, Indonesian)  
|     | 2 Listening Extracts  
|     | Marks: 15 (for two questions)  
|     | Jaya Semara  
|     | 1 Listening Extract and 5 mark question  
|     | Marks: 15  
|     | Bach Brandenburg Concerto No. 2  
|     | Short Answer Questions & 1 Essay Question  
|     | Marks: 18  
|     | Total Marks: 78  
|     | Duration: 2 hours |
| O-Level Music | Western Music | 2 Western Listening Extracts  
|               | World Music  
|               | (Chinese, Malay, Indonesian)  
|               | 2 Listening Extracts  
|               | Marks: 15 (for two questions)  
|               | Jaya Semara  
|               | 1 Listening Extract and 5 mark question  
|               | Marks: 15  
|               | Bach Brandenburg Concerto No. 2  
|               | Short Answer Questions & 1 Essay Question  
|               | Marks: 18  
|               | Total Marks: 78  
|               | Duration: 2 hours |