

Tak Sun Secondary School
Final Exam Syllabuses 2016/17

Form 1

<i>Subject</i>	<i>Syllabus</i>	<i>Remarks</i>
<i>Chinese Language</i>	<p>卷一 閱讀</p> <p>(甲) 指定文言篇章問題：《二子學奕》、《高山流水》、《戴高帽》、《黑白》(不提供篇章)</p> <p>(乙) 篇章問題：《客至》、《送友人》、《風雪中的北平》、《曾子殺豬》、《賣油翁》、《御人之妻》(提供篇章)</p> <p>(丙) 閱讀理解：課外白話及文言篇章。(提供篇章)</p> <p>(丁) 成語：指定成語 20 句。</p> <p>卷二 寫作</p> <p>(甲) 文體寫作 (300 字以上)</p> <p>(乙) 實用文：通告、啟事</p> <p>卷三 聆聽：多段錄音，以課外題材擬題，題目以選擇、判斷、配對、問答、填充、填表為主。</p> <p>卷四 說話 個人短講：先用 5 分鐘準備，然後演講兩分鐘。</p>	
<i>Computer Literacy</i>	<p>Book C: Chapter 1, 2, 4, 5</p> <p>All Notes (computer hardware, bit/byte, input method, word processing, video editing) and Homework</p>	<p>With</p> <p><u>Practical Exam</u></p> <p>on Word Processing (<u>In class</u>)</p>
<i>English Language</i>	<p>Term 2</p> <p>Longman Elect JS1 Grammar Book (Units 9-20)</p> <p>Longman Elect JS1A&B Textbook (Units 4-8)</p> <p>Longman Elect JS1A&B Listening Book (Units 4-8)</p> <p>Text Types (Journals)</p> <p>2 LAC Projects</p> <p>Term 1 (Up to 30%)</p> <p>Longman Elect JS1 Grammar Book (Units 1-8)</p> <p>Longman Elect JS1A Textbook (Units 1-3)</p> <p>1 LAC Project</p>	
<i>Geography</i>	<p>Core Module 1 Using Space wisely</p> <p>Unit 1 – Unit 3</p> <p>Modules A2 Living with natural hazards</p> <p>Units 1, 2, 4 & 5</p>	<p>Students should bring calculator for the exam.</p>

<i>History Studies</i>	單元三、四、五、六	
<i>Integrated Science</i>	<p><u>Term one (30%)</u></p> <p>Unit 1 Introducing science Unit 2 Looking at the living things</p> <p><u>Term two (70%)</u></p> <p>Unit 3 Cells and human reproduction (3.1 to 3.2 only) Unit 5 Wonderful solvent – water Unit 6 Matters as particles Unit 4 Energy (4.1 to 4.3 only)</p>	Bring pencil, eraser and ruler for exam.
<i>Life and Society</i>	<p>課本</p> <p>公民權責 我和香港政府 課題一</p> <p>School-based teaching materials</p> <p>Managing your own finances (Section 10) Economics performance of Hong Kong (Section 13) Labour market in Hong Kong (Section 14)</p>	Students should bring calculator for the exam.
<i>Mathematics</i>	<p><u>Term one</u></p> <p>Chapter 0: Basic Mathematics Chapter 1: Directed Numbers Chapter 2: Using Algebra to Solve Problems (I) Chapter 3: Using Algebra to Solve Problems (II) Chapter 4: Introduction to Geometry Chapter 7: Area and Volume (I)</p> <p><u>Term two</u></p> <p>Chapter 5: Percentage (I) Chapter 6: Estimation in Numbers and Measurement Chapter 8: Introduction to Coordinates Chapter 9: Symmetry & Transformation Chapter 12: Introduction to Statistics Chapter 10: Angles in Intersecting and Parallel Lines Chapter 11: Congruence and Similarity</p>	<p>No Calculator is allowed.</p> <p>About 30-40% Questions in First Term and about 60-70% Questions in Second Term</p>
<i>Music</i>	<ol style="list-style-type: none"> 1. Introduction to Orchestral Instruments – The Four Families (Brass, Woodwind, String, Percussion) 2. Forms of ensembles (Symphony, Concerto, Chamber Music) 3. Introduction to non-orchestral Instruments (Piano, Organ, Harmonica, Melodica, Saxophone, Recorder, Harp, Guitar) 4. The songs sung on lessons (Any Dream Will Do, Beauty and the Beast, Can You Feel the Love Tonight, God Help the Outcast, He, Perhaps Love, Somebody Bigger Than You and I, 一點燭光, 柳美里, 世上只有 etc) 	Only one Handout
<i>Putonghua</i>	甲部 聆聽判斷及理解 50%	

	乙部 辨認及譯寫 50% 考核範圍：第四至六課 考核能力：辨認聲母、韻母、聲調； 譯寫拼音、譯寫漢字。	
Religious Studies & Ethics	宗教倫理科課本第 1-10 課	
Visual arts	Topic 1: Line and Value (notes & worksheets) Topic 2: Text (notes & worksheets) Topic 3: Color (notes & worksheets) Topic 4: Form (notes & worksheets) Topic 5: Relief Printmaking (notes & worksheets)	Bring pencil, color pencil, eraser, and ruler.

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Final Exam Syllabuses 2016/17
Form 2

Subject	Syllabus	Remarks
Chinese Language	<p>卷一 閱讀</p> <p>(甲) 指定文言篇章問題：單元六、八、九篇章，包括：《愛蓮說》、《桃花源記》、《為學一首示子姪》、《習慣說》；自習教材篇章：《管鮑之交》、《越巫》、《覆水難收》。(不提供篇章)</p> <p>(乙) 篇章問題：單元一、二、三、六、八篇章，包括：《種梨》、《晨》、《差不多先生傳》、《我的老師》、《在風中》、《遠航古澳》、《楊柳》、《在錯誤中學習》；專題研習篇章：《聶小倩》；自習教材篇章：《扁鵲見桓公》、《苛政猛於虎》、《馬說》。(提供篇章)</p> <p>(丙) 閱讀理解：課外白話及文言篇章。(提供篇章)</p> <p>(丁) 成語：校本教材成語 31-60。</p> <p>卷二 寫作</p> <p>(甲) 文體寫作 (400 字以上)</p> <p>(乙) 實用文：私人書信、啟事、通告。</p> <p>卷三 聆聽：多段錄音，以課外題材擬題，題目以選擇、判斷、配對、問答、填充、填表為主。</p> <p>卷四 說話 口語溝通：5 分鐘準備，然後每組討論 8 分鐘(以四人一組計算)</p>	

Computer Literacy	Book E Chapters 1-5 All notes (graphic, audio, animation, spreadsheet) and homework	
English Language	Term 2 Longman Elect JS2 Grammar Book (Units 10-24) Longman Elect JS2A&B Textbook (Units 4,5,6,8) Longman Elect JS2A&B Listening Book (Units 4,5,6,8) Text Types (Journals) 2 LAC Projects Term 1 (Up to 30%) Longman Elect JS2 Grammar Book (Units 1-9)) Longman Elect JS2A Textbook (Units 1-3)	
Geography	Core Module 3: Food Problem Unit 1 – Unit 4 Core Module 4: The trouble of water Unit 1- Unit 4	Students should bring calculator and rulers for the exam.
History Studies	單元二 (2.24 – 2.30 頁 ; 2.40 – 2.49 頁) 單元三 (3.06 – 3.23 頁) 單元四 (4.06 – 4.31 頁)	
Integrated Science	<u>Term one (30%)</u> Unit 7 Living things and air (7.1 to 7.5 only) Unit 8 Making use of electricity (8.1 to 8.7 only) <u>Term two (70%)</u> Unit 9 Space travel (9.1 to 9.4 only) Unit 11 Sensing the environment (11.1 to 11.5 only) Unit 10 Common acids and alkalis (10.1 to 10.6 only)	Bring pencil, eraser and ruler for exam.
Life and Society	School-based teaching materials Sensible consumption (Section 11) Public Finance in Hong Kong (Section 12) Overview of Chinese Economy (Section 15) 課本 中國政府在經濟的角色 中國政制 (課題二除外)	Students should bring calculator for the exam.
Mathematics	<u>Term one</u> Chapter 2: Introduction to Polynomials Chapter 3: Identities Chapter 4: Formulas Chapter 1: Approximation and Errors Chapter 6: More about Data Handling <u>Term two</u> Chapter 5: Linear Equations in Two Unknowns	Calculators are allowed. About 30-40% Questions in First Term and about 60-70% Questions in Second Term

	<p>Chapter 7: Rate and Ratio</p> <p>Chapter 8: Angles in Triangles and Polygons</p> <p>Chapter 9: Introduction to Deductive Geometry</p> <p>Chapter 10: Pythagoras' Theorem</p> <p>Chapter 11: Trigonometric Ratios</p> <p>Chapter 12: Area and Volume (II)</p>	
Music	<p>1. Film Music Composers: Hans Zimmer</p> <p>2. Introduction to Early Popular Music: Bee Gees</p> <p>3. Introduction to famous musicals in history: Claude-Michel Schönberg</p>	<p>Handout 5 (Term 1)</p> <p>Handouts 1-8 (Term 2)</p> <p>All revision notes</p>
Putonghua	<p>甲部 聆聽判斷及理解 50%</p> <p>乙部 辨認及譯寫 50%</p> <p>考核範圍：第三至五課</p> <p>考核能力：辨認聲母、韻母、聲調； 譯寫拼音、譯寫漢字、粵普對譯。</p>	
Religious Studies & Ethics	<p>宗教倫理科課本第 1-5 & 7-10 課</p>	
Visual arts	<p>Topic 1: Graffiti (notes & worksheets)</p> <p>Topic 2: Design (notes & worksheets)</p> <p>Topic 3: Op Art (notes & worksheets)</p> <p>Topic 4: Metamorphosis Drawing (notes & worksheets)</p> <p>Topic 5: Mosaic (notes & worksheets)</p>	<p>Bring pencil, color pencil, eraser, and ruler.</p>

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Form 3

Subject	Syllabus	Remarks
Chinese Language	<p>卷一 閱讀</p> <p>(甲) 指定篇章問題：《消失的特色街道》、《爸爸的花兒落了》、《孔明借箭》、《人間有情》、《最苦與最樂》(不提供篇章)</p> <p>(乙) 篇章問題：《負荊請罪》、《論仁論孝論君子》。(提供篇章)</p> <p>(丙) 閱讀理解：課外白話及文言篇章。(提供篇章)</p>	

	<p>(丁) 語文常識：標點、詞彙、文言詞彙、語法、成語、修辭、錯別字。</p> <p>卷二 寫作 (甲) 文體寫作 (500 字以上) (乙) 實用文：啟事、通告、報告。</p> <p>卷三 聆聽：多段錄音，以課外題材擬題，題目以選擇、判斷、配對、問答、填充、填表為主。</p> <p>卷四 說話 口語溝通：5 分鐘準備，然後每組討論 8 分鐘(以四人一組計算)</p>	
Computer Literacy	<p>HTML</p> <p>Book F chapters 1-4</p> <p>C Programming Notes 1-3</p> <p>All notes and homework</p>	
English Language	<p>Term 2</p> <p>Longman Elect JS3 Grammar Book (Units 13-15, 22-24)</p> <p>Longman Elect JS3B Textbook (Units 5&8)</p> <p>Longman Elect JS3B Listening Book (Units 5&8)</p> <p>Text Types (Journals)</p> <p>2 Projects</p> <p>Term 1 (Up to 30%)</p> <p>Longman Elect JS3 Grammar Book (Units 4-9))</p> <p>Longman Elect JS3A Textbook (Units 2&3)</p>	
Geography	<p>Core Module 5: Global Shift of Manufacturing</p> <p>Unit 1- Unit 4</p> <p>Elective Module 2: Changing Climate, Changing Environment</p> <p>Unit 1 – Unit 4</p>	Students should bring calculator and rulers for the exam.
History Studies	<p>單元二 (p.44 – 52)</p> <p>單元三、單元四</p> <p>單元五 (p.116 - 132)</p>	
Integrated Science	<p><u>Term one (30%)</u></p> <p>Unit 1 (part 1) Reflection and refraction of light</p> <p>Unit 2 Atomic structure</p> <p>Unit 3 Food substances</p> <p><u>Term two (70%)</u></p> <p>Unit 1 (part 2) Total internal reflection</p> <p>Unit 4 Heat</p> <p>Unit 5 Metals</p>	Exam paper will be divided into three parts – physics, chemistry and biology. Each carries 35 marks. Full mark is 105.

	Unit 6 <i>Nutrition in Human</i>	Please bring pencil, eraser, ruler and calculator.
<i>Life and Society</i>	<i>School-based teaching materials</i> <i>Narrowing the gap between rich and poor (Units 1 – 3)</i> <i>International Financial Centre (Units 1 – 3)</i> <i>International Trade (Units 1 – 4)</i> <i>International Interdependence (Units 1- 2)</i>	Students should bring calculator and pencils for the exam.
<i>Mathematics</i>	<u>Term one</u> <i>Chapter 1: Factorization of Simple Polynomials</i> <i>Chapter 2: Law of Indices</i> <i>Chapter 3: More about Rational and Irrational Numbers</i> <i>Chapter 4: Percentage (II)</i> <i>Chapter 5: Linear Inequalities in One Unknown</i> <i>Chapter 6: Introduction to Probability</i> <u>Term two</u> <i>Chapter 7: Measures of Central Tendency</i> <i>Chapter 8: More on Deductive Geometry</i> <i>Chapter 9: Quadrilaterals</i> <i>Chapter 10: More about 3D Figures</i> <i>Chapter 11: Area and Volume (III)</i> <i>Chapter 12: Coordinate Geometry of Straight Lines</i> <i>Chapter 13: Applications in Trigonometry</i>	Calculators are allowed. About 30-40% Questions in First Term and about 60-70% Questions in Second Term Paper 1: Short and Long Questions Paper 2: 27 MC Questions
<i>Music</i>	1. <i>More Study on Musicals: The Phantom of the Opera</i> 2. <i>Andrew Lloyd Webber: Other Famous Musicals and Songs</i> 3. <i>Opera and Musicals</i> 4. <i>Western Popular Music History</i>	Handouts on 1. <i>The Phantom of the Opera</i> 2. <i>Andrew Lloyd Webber</i> 3. <i>Opera and Musicals</i> 4. <i>Western Popular Music History (Parts 1 and 2)</i> All revision notes
<i>Putonghua</i>	甲部 聆聽判斷及理解 50%	

	乙部 辨認及譯寫 50% 考核範圍：第三至五課 考核能力：辨認聲母、韻母、聲調； 譯寫拼音、譯寫漢字、粵普對譯、默寫拼音。	
Religious Studies & Ethics	宗教倫理科課本第 1-8 課	
Visual arts	Topic 1: Perspective Drawing (notes & worksheets) Topic 2: Tape figure cast (notes & worksheets) Topic 3: Design (notes & worksheets) Topic 4: Sketching (notes & worksheets) Topic 5: Painting (notes & worksheets)	Bring pencil, color pencil, eraser, and ruler.

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Form 4

Subject	Syllabus	Remarks
Biology	Ch 1-4 (30%) Ch 5-10 (70%)	Bring calculator
Business, Accounting and Financial Studies	Double entries system Year-end adjustments Depreciation and capital expenditure Preparation of financial statement 5 Accounting concepts Bank reconciliation statement Partnership final accounts	Students should bring calculator for the exam.
Chemistry	<u>Term one (30%)</u> Book 1 Topic I Planet Earth (Chapters 2 – 4) Topic II Microscopic World (Chapters 5 – 9) Topic III Metals (Chapters 10 – 11, 13) <u>Term two (70%)</u> Topic III Metals (Chapter 12) Topic IV Acids and Bases (Chapters 14 – 19) Topic V Fossil Fuels and Carbon Compounds (Chapters 20 – 23)	Bring a calculator
Chinese History	課題 1 周之封建 課題 2 春秋戰國的政治社會變動及其學術思想 課題 3 秦、漢的統治措施 課題 4 魏晉南北朝 課題 5 隋唐治世及安史之亂與唐代衰亡	

	<p>課題6 宋、元的中央集權</p> <p>課題7 明、清的君主集權</p>	
Chinese Language	<p>卷一 閱讀</p> <p>篇章問題：《師說》、《出師表》、《論仁論孝論君子》、《勸學》、《魚我所欲也》、課外白話及文言篇章。</p> <p>卷二 寫作 文體寫作 (650 字以上)</p> <p>卷三 聆聽及綜合</p> <p>(甲) 題目以選擇、判斷、配對、問答、填充、填表為主。</p> <p>(乙) 結合聆聽和閱讀資料，撰寫實用文一篇。</p> <p>卷四 說話</p> <p>口語溝通：10 分鐘準備，然後每組討論 15 分鐘(以五人一組計算)</p>	
Computer and Information Technology (ICT C)	<p>Core: Book 2 Chapters 12- 20</p> <p>Elective: Book C1: Chapters 1,2,3,5</p>	
Computer and Information Technology (ICT D)	<p>Core: Book 2 Chapters 11-18</p> <p>Programming Chapters 2-8</p>	
Economics	<p>Textbook</p> <p>Exploring Economics Book 1 (Chapters 1 – 6)</p> <p>Exploring Economics Book 2 (Chapters 8 – 13)</p>	<p>Students should bring calculator, pencils and ruler for the exam.</p>
English Language	<p>Oxford Advanced Exam Skills Paper 1, Units 3-6</p> <p>Oxford Advanced Exam Skills Paper 2, Units 2-4</p> <p>Oxford Advanced Exam Skills Paper 3, Units 3-6</p> <p>Oxford Advanced Exam Skills Paper 4, Units 2-4</p>	
Geography	<p>Chapters 1 - 4</p>	<p>Students should bring calculator, rulers and protractor for the exam.</p>
History	<p>主題甲 – 單元一及單元二</p>	
Liberal studies	<p>單元一 個人成長與人際關係</p> <p>單元二 今日香港 (生活素質)</p> <p>單元六 能源科技與環境</p>	

<p><i>Mathematics (Core Part)</i></p>	<p><i>Chapter 1: Quadratic Equations in One Unknown (I)</i> <i>Chapter 2: Quadratic Equations in One Unknown (II)</i> <i>Chapter 3: Functions & Graphs</i> <i>Chapter 4: Equations of Straight Lines</i> <i>Chapter 5: More about Polynomials</i> <i>Chapter 6: Exponential Functions</i> <i>Chapter 7: Logarithmic Functions</i> <i>Chapter 8: More about Equations</i> <i>Chapter 9: Variations</i> <i>Chapter 10: More about Trigonometry</i></p> <p><i>Junior Form Topics:</i> <i>Indices, Change of subject, Inequalities, Factorization, Percentage, Simultaneous Equations and Transformation</i></p>	<p><i>Calculators are allowed.</i></p>
<p><i>Mathematics (Module 2)</i></p>	<p><i>Chapter 0: Pre-requisite Knowledge</i> <i>Chapter 1: Surds</i> <i>Chapter 2: Mathematical Induction</i> <i>Chapter 3: Binomial Theorem</i> <i>Chapter 7: Limits and Derivatives</i> <i>Chapter 8: Differentiation (I)</i> <i>Chapter 10: Applications of Differentiation (10.1-10.4)</i></p>	<p><i>Calculators are allowed.</i></p>
<p><i>Physical education (PE)</i></p>	<p><i>第三冊書及筆記: 單元七 (體育的歷史和發展)</i> <i>第一冊書及筆記: 單元一 (人體與運動)</i> <i>單元二 (體適能和營養)</i> <i>單元三 (預防運動創傷)</i></p>	
<p><i>Physics</i></p>	<p><i>Book 1 Ch1-4, Book 2 Ch 1-7, Book 3A Ch1-3, Book 3B Ch 6.3 Electromagnetic waves</i></p>	<p><i>Bring calculator.</i> <i>Bring pencil, ruler and rubber for drawing.</i></p>
<p><i>Visual arts (VA)</i></p>	<p><u>Part A: Art Appreciation and Criticism</u> <i>Write a critical appreciation of the reproductions of artwork provided.</i></p> <p><u>Part B: Visual Arts Making</u> <i>Create a piece of artwork to present a theme and present a creative brief which may include notes, sketches or layouts produced during the examination to support their artwork.</i></p>	<p><i>Bring painting materials and instruments (e.g. pencils, paint brushes, colors, palettes, drawing boards, clips, pins, erasers, adhesive tapes, paper, etc.) small quantity of materials for collage, and reference</i></p>

		<i>materials (e.g. books, magazines, art dictionaries, etc.).</i>
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Tak Sun Secondary School
Final Exam Syllabuses 2016/17
Form 5

<i>Subject</i>	<i>Syllabus</i>	<i>Remarks</i>
<i>Biology</i>	<i>Ch 1-10 (30%) Ch 11-22, E1Ch 4 (70%)</i>	<i>Bring calculator</i>
<i>Business, Accounting and Financial Studies</i>	<i>Year-end adjustments Bank reconciliation statement Partnership accounts Limited company accounts Ratio analysis Incomplete records Correction of Errors Business environment Introduction to management</i>	<i>Students should bring calculator for the exam.</i>
<i>Chemistry</i>	<i><u>F.4 (30%)</u> Topic III Metals Topic IV Acids and bases Topic V Fossil fuels and carbon compounds <u>F.5 (70%)</u> Topic VI Microscopic World II Topic XI Chemistry of carbon compounds Topic IX Rate of reaction Topic VIII Chemical reactions and energy Topic X Chemical equilibrium Topic VII Redox reactions, chemical cells and electrolysis Topic XII Patterns in the chemical world</i>	<i>Bring a calculator</i>
<i>Chinese History</i>	<i>1. 全甲部課題 (課本4 上及4 下) 2. 乙部課題 單元一 全部課題 (課本4 下) 單元二 全部課題(課本五上)</i>	
<i>Chinese Language</i>	<i>卷一 閱讀</i>	

	<p>篇章問題(詞語及語譯)《始得西山宴遊記》、《師說》、《岳陽樓記》、《逍遙遊》、《魚我所欲也》、《勸學》、《論仁論孝論君子》</p> <p>篇章問題(問答題):《詩三首》、《詞三首》、《出師表》、《六國論》、《廉頗藺相如列傳》、課外白話及文言篇章。</p> <p>卷二 寫作 文體寫作 (650 字以上)</p> <p>卷三 聆聽及綜合 (甲)題目以選擇、判斷、配對、問答、填充、填表為主。 (乙)結合聆聽和閱讀資料，撰寫實用文一篇。</p> <p>卷四 說話 口語溝通：10 分鐘準備，然後每組討論 15 分鐘(以五人一組計算)</p>	
Computer and Information Technology (ICT C)	<p>Core: Book 1, Book 2</p> <p>Book C1 (All), C2 (Chapters 8,9) + HTML/CSS</p>	
Computer and Information Technology (ICT D)	<p>Core: Book 1; Book 2</p> <p>Elective : C programming (Chapters 1 – 11)</p>	
Economics	<p>Textbook</p> <p>Exploring Economics Book 1 (Chapters 1 – 7)</p> <p>Exploring Economics Book 2 (Chapters 8 – 14)</p> <p>Exploring Economics Book 3 (Chapters 15 – 18)</p> <p>Exploring Economics Book 5 (Chapters 1 – 6)</p>	Students should bring calculator, pencils and ruler for the exam.
English Language	<p>Oxford Advanced Exam Skills Paper 1, Units 9-11</p> <p>Oxford Advanced Exam Skills Paper 2, Units 6-7</p> <p>Oxford Advanced Exam Skills Paper 3, Units 9-11</p> <p>Oxford Advanced Exam Skills Paper 4, Units 6-7</p>	
Geography	Chapters 1 – 7, 11	Students should bring calculator, rulers and protractor for the exam.
History	主題甲及主題乙	
Liberal studies	<p>單元一 個人成長與人際關係</p> <p>單元二 今日香港</p> <p>單元三 現代中國</p> <p>單元六 能源科技與環境</p>	
Mathematics (Core)	Book 4A and 4B	Calculators are

<p>Part)</p>	<p>Chapter 1: Quadratic Equations in One Unknown (I) Chapter 2: Quadratic Equations in One Unknown (II) Chapter 3: Functions & Graphs Chapter 4: Equations of Straight Lines Chapter 5: More about Polynomials Chapter 6: Exponential Functions Chapter 7: Logarithmic Functions Chapter 8: More about Equations Chapter 9: Variations Chapter 10: More about Trigonometry</p> <p><u>Book 5A and 5B</u></p> <p>Chapter 1: Basic Properties of Circles Chapter 2: Tangents to Circles Chapter 3: Inequalities Chapter 4: Linear Programming Chapter 5: Applications of Trigonometry in 2D Chapter 6: Applications of Trigonometry in 3D Chapter 7: Equations of Circles Chapter 8: Locus Chapter 9: Measures of Dispersion Chapter 10: Permutation and Combination Chapter 11: More about Probability</p> <p><u>Junior Form Topics:</u> Indices, Change of subject, Inequalities, Factorization, Percentage, Simultaneous Equations and Transformation</p>	<p>allowed.</p>
<p>Mathematics (Module 2)</p>	<p>Chapter 0: Pre-requisite Knowledge Chapter 1: Surds Chapter 2: Mathematical Induction Chapter 3: Binomial Theorem Chapter 4: More about Trigonometric Functions (I) Chapter 5: More about Trigonometric Functions (II) Chapter 6: Introduction to e and Logarithmic Functions Chapter 7: Limits and Derivatives Chapter 8: Differentiation (I) Chapter 9: Differentiation (II) Chapter 10: Applications of Differentiation Chapter 11: Indefinite Integration (I) Chapter 12: Indefinite Integration (II) Chapter 13: Definite Integration Chapter 14: Application of Definite Integration</p>	<p>Calculators are allowed.</p>
<p>Physical education</p>	<p>第二冊書及筆記: 單元四 (動作分析)</p>	<p>上年度中四的單</p>

(PE)	<p>單元五 (體育訓練方法) 單元六 (運動心理技能) 第三冊書及筆記: 單元八 (體育對社會的影響) 以上單元佔全卷內容約(70%)</p>	<p>元(一,二,三及七) 約佔全卷內容約(30%)</p>
Physics	<p>Book 1 Ch1-5, Book 2 Ch 1-10, Book 3A Ch1-3, Book 3B Ch 4-8, Book 4 Ch 1-5.</p>	<p>Bring calculator. Bring pencil, rubber and ruler for drawing.</p>
Visual arts (VA)	<p><u>Part A: Art Appreciation and Criticism</u> Write a critical appreciation of the reproductions of artwork provided.</p> <p><u>Part B: Visual Arts Making</u> Create a piece of artwork to present a theme and present a creative brief which may include notes, sketches or layouts produced during the examination to support their artwork.</p>	<p>Bring painting materials and instruments (e.g. pencils, paint brushes, colors, palettes, drawing boards, clips, pins, erasers, adhesive tapes, paper, etc.) small quantity of materials for collage, and reference materials (e.g. books, magazines, art dictionaries, etc.).</p>