

Tak Sun Secondary School
Term 1 Exam Syllabuses 2023/24
Form 5

Subject	Syllabus	Remarks
Biology	<p><i>F.4 (20 - 30%)</i></p> <p><i>Chapter 7 Gas exchange in humans</i></p> <p><i>Chapter 8 Transport in humans</i></p> <p><i>F.5 (70 - 80%)</i></p> <p><i>Chapter 11 Cell cycle and cell division</i></p> <p><i>Chapter 12 Reproduction in flowering plants</i></p> <p><i>Chapter 13 Reproduction in humans</i></p> <p><i>Chapter 14 Growth and development</i></p> <p><i>Chapter 15 Detecting the environment</i></p> <p><i>Chapter 16 Coordination in humans</i></p> <p><i>Chapter 17 Movement in humans</i></p> <p><i>Chapter 18 Homeostasis</i></p>	Use of calculator is allowed. Pencil and ruler are required for making biological drawing or/and graph plotting.
Business, Accounting and Financial Studies	<ul style="list-style-type: none"> - <i>Basic accounting information 1 – 3</i> - <i>Book of originals entry & Types of ledgers</i> - <i>Simple financial statement</i> - <i>Year-end adjustments + Financial statement</i> - <i>Depreciation (1) and (2)</i> - <i>Bank Reconciliation statement</i> - <i>Accounting concepts</i> - <i>Partnership (appropriation & revaluation)</i> - <i>Limited Company</i> - <i>Accounting ratio</i> 	Bring a calculator and a ruler for the exam.
Chemistry	<p><i>F.4 (20%)</i></p> <p><i>Topic IV Acids and bases</i></p> <p><i>F.5 (70%)</i></p> <p><i>Topic V Fossil fuels and carbon compounds</i></p> <p><i>Topic VI Microscopic world II</i></p> <p><i>Topic XI Chemistry of carbon compounds</i></p> <p><i>Topic IX Rate of reaction</i></p> <p><i>Standard homework</i></p> <p><i>Hkedcity M.C. questions</i></p>	
Chinese History	卷一甲部課程 (課本四上及四下)	

	卷二乙部課程 晚清部份 (課本四下 p.294)	
Chinese Language	<p>卷一 閱讀</p> <p>甲部：指定閱讀篇章 《師說》、《魚我所欲也》、《廉頗藺相如列傳》 (不提供篇章)</p> <p>乙部：閱讀能力考材 課外白話及文言篇章 (提供篇章)</p> <p>卷二 寫作</p> <p>甲部：實用寫作 (550 字) 乙部：文體寫作 (800 字以上)</p>	
Citizenship and Social Development	<p>主題一 一國兩制下的香港</p> <p>主題二 改革開放以來的國家</p> <p>改革開放概略：發展歷程及相關策略</p> <p>人民生活素質的轉變與提升</p> <p>綜合國力的提升</p>	
Information and Communication Technology	<p>F5 Topics</p> <p>All materials covered in textbook book B (Computer System Fundamental)</p> <p>The following topics in Book C1 (Internet and its Application):</p> <ul style="list-style-type: none"> • Ch 1.4 : Network Hardware • Ch 1.5 : Method of Internet Access • Ch2: Internet Protocols • Ch3: Internet Services: Email, Search Engine, Smart City <p>F4 Topics</p> <ul style="list-style-type: none"> • Basic concept of data control and data representation • Basic concept of 2's complement representation for negative integer. <p>All Python programming concepts covered in CodeHS including but not limited to:</p> <ul style="list-style-type: none"> - Function - For loop and nested for loop - Swapping, Bubble Sort, Insertion sort Algorithm. 	
Economics	<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 - 17</p>	Bring a calculator and a ruler for the exam.

English Language	<p>Paper 1 <i>Reading Exam practices</i></p> <p>Paper 2 <i>Part A: Short writing (about 200 words)</i> <i>Part B: Writing Text Types: Movie Review, Editorial</i></p> <p>Paper 3 <i>Oxford Advanced Exam Skills Listening & Integrated Skills Volume 2</i> <i>Unit 6 & 7</i> <i>Oxford Advanced Thematic Anthology 3 Unit 12 & 13</i> <i>Oxford Advanced Thematic Anthology 4 Unit 9 & 15</i></p> <p>Paper 4 <i>8 minutes discussion for a group of 3-4 candidates</i> <i>Plus 1 minute individual response</i></p> <p><i>*Including any prior knowledge of English Language</i></p>	
Geography	<i>Chapters 1 – 5 & Chapters 6.1 – 6.3</i>	
Mathematics (Core Part)	<p><u>Book 4A</u> <i>Chapter 1 Quadratic Equations in One Unknown (I)</i> <i>Chapter 2 Quadratic Equations in One Unknown (II)</i> <i>Chapter 3 Functions and Graphs</i> <i>Chapter 4 Equations of Straight Lines</i></p> <p><u>Book 5A</u> <i>Chapter 1 Basic Properties of Circles</i> <i>Chapter 2 Tangents to Circles</i></p> <p><u>Book 5B</u> <i>Chapter 7 Equations of Circles</i> <i>Chapter 8 Locus</i></p> <p><u>Junior Form Topics</u></p> <ul style="list-style-type: none"> ➤ <i>Indices</i> ➤ <i>Formula</i> ➤ <i>Factorization</i> ➤ <i>Simultaneous Equations</i> ➤ <i>Percentages</i> ➤ <i>Geometry</i> 	

Mathematics (Module 2)	<p><i>Chapter 0 Pre-requisite Knowledge</i></p> <p><i>Chapter 1 Mathematical Induction</i></p> <p><i>Chapter 2 Binomial Theorem</i></p> <p><i>Chapter 3 More about Trigonometric Functions</i></p> <p><i>Chapter 4 Limits and Number e</i></p> <p><i>Chapter 5 Differentiation</i></p> <p><i>Chapter 6 Section 6.1 – Section 6.4</i></p>	
Physical education (DSEPE)	<p>第一部份: 體育的歷史和發展</p> <p>第二部份: 人體與運動</p> <p>第三部份: 動作分析</p> <p>第四部份: 體適能和營養</p> <p>第五部份: 體育訓練方法- 影響運動表現的因素 訓練概念與原理、訓練法的應用</p> <p>第六部份: 預防運動創傷</p>	
Physics	<p>F5 syllabus: (~70%)</p> <p><i>Book 1 Ch5, Book 2 Ch8, Book 3B Ch4-7</i></p> <p>F4 syllabus: (~30%)</p> <p><i>Book 1 Ch1-4, Book 2 Ch1-7, Book 3A Ch1-3</i></p>	<p>Bring a ruler, pencil and rubber for drawing ray diagrams.</p> <p>Bring a calculator for the exam.</p>
Visual arts (DSEVA)	<p><u>Part A: Art Appreciation and Criticism</u></p> <p><i>Write a critical appreciation of the reproductions of artwork provided.</i></p> <p><u>Part B: Visual Arts Making</u></p> <p><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>Bring painting materials and instruments (e.g. pencils, paint brushes, colors, palettes, drawing boards, clips, pins, erasers, adhesive tapes, paper, etc.)</p> <p>small quantity of materials for collage, and reference materials (e.g. books, magazines, art dictionaries, etc.).</p>