

Tak Sun Secondary School
Final Exam Syllabuses 2024/25
Form 4

Subject	Syllabus	Remarks
Biology	<p>F.4 Term 1 (30%)</p> <p>Ch 1 Introducing biology</p> <p>Ch 2 The cell as the basic unit of life</p> <p>Ch 3 Movement of substances across the cell membrane</p> <p>Ch 4 Enzyme and metabolism</p> <p>Ch 5 Food and humans</p> <p>F.4 Term 2 (70%)</p> <p>Ch 6 Nutrition in humans</p> <p>Ch 7 Gas exchange in humans</p> <p>Ch 8 Transport in humans</p> <p>Ch 9 Gas exchange in plants</p> <p>Ch 10 Transpiration, transport and support in plants</p>	<p>Use of calculator is allowed.</p> <p>Pencil and ruler are required for making biological drawing or/and graph plotting.</p>
Business, Accounting and Financial Studies	<ul style="list-style-type: none"> - Basic accounting information 1 - 3 - Simple financial statement - Year-end adjustments - Depreciation (1) and (2) - Bank Reconciliation statement - Accounting concepts - Basic accounting ratios - 	<p>Students should bring calculator for the exam.</p>
Chemistry	<p><u>Written Examination (80%)</u></p> <p>Term 1 (16%)</p> <p>Topic I Planet Earth</p> <p>Topic II Microscopic World I</p> <p>Topic III Metals (excluding reacting masses, mole concept)</p> <p>Term 2 (64%)</p> <p>Topic III Metals (reacting masses, mole concept)</p> <p>Topic IV Acids and Bases</p> <p>Topic V Fossil Fuels and Carbon Compounds</p> <p>Standard homework and uniform test</p> <p>Hkedcity M.C. questions</p> <p><u>Practical Examination (20%)</u></p> <p>Acid and base titration</p>	

Chinese History	<p>課題 1 周的封建及春秋戰國時期的政治社會變動</p> <p>課題 2 秦漢統治政策</p> <p>課題 3 王莽篡漢及東漢戚宦相爭</p> <p>課題 4 魏晉南北朝</p> <p>課題 5 隋唐盛世</p> <p>課題 6 安史之亂與唐代衰亡</p> <p>課題 7 宋、元中央集權</p> <p>課題 8 明君主集權</p>	
Chinese Language	<p>卷一 閱讀</p> <p>甲部、指定閱讀篇章 (不提供篇章)</p> <p>《岳陽樓記》*</p> <p>《始得西山宴遊記》*</p> <p>《詩三首》*</p> <p>《論仁、論孝、論君子》</p> <p>《詞三首》</p> <p>《勸學》</p> <p>*僅考核詞解句譯</p> <p>乙部、閱讀能力考材 (提供篇章)</p> <p>課外白話及文言篇章</p> <p>卷二 寫作</p> <p>文體寫作 (700 字以上)</p>	
Citizenship and Social Development	<p>主題一 「一國兩制」下的香港</p> <p>課題一 「一國兩制」的內涵和實踐</p> <p>課題二 國家情況與國民身分認同</p> <p>課題三 香港多元文化特徵一</p>	
Information and Communication Technology	<p>Compulsory Part (Refer to SRL website and Book A1 / Notes)</p> <ul style="list-style-type: none"> - Basic concept of information processing - Data Control - Representation of data (texts, numbers) - Binary number and Hexadecimal number - Spreadsheet - Database and SQL (single table) <p>Programming and Algorithm:</p> <p>All Python programming concepts covered in the coding room exercises including but not limited to:</p> <ul style="list-style-type: none"> - Variable Data type and data type conversion - Base if elif else construct - While-loop and For-loop - Array data structure - Algorithm of swapping variable content <p>Algorithm of array: finding min max / sum / average / counting / linear search</p>	

Economics	Textbook Exploring Economics Book 1 (Chapter 1 – 5) Exploring Economics Book 2 (Chapter 8 – 13)	Students should bring calculator, pencils and ruler for the exam.
English Language	Paper 1 – Reading Parts A and B contain reading passages with comprehension questions. In Part B, students may choose between completing B1 or B2. Paper 2 – Writing Two writing tasks - one short (200 words) and one long (400 words). For the long writing task, there will be 3 to 4 questions to choose from. For the long writing task in Part B, the following text types are included: 1. Speech 2. Proposal 3. Problem-solution essay Paper 3 – Listening & Integrated Skills Two parts: listening components in Part A; integrated tasks involving note taking and data file in Part B. In Part B, students may choose between completing B1 or B2. Paper 4 – Speaking Group discussion for a group of 4 students (or sometimes 3 students) and an individual response question after the discussion. Candidates will be given a passage and a set of instructions. Preparation Time: 10 minutes Discussion Time: 8 minutes for 4 candidates; 6 minutes for 3 candidates. Individual Response Time: 1 minute *Including any prior knowledge of English Language	
Geography	Chapter 1 – 4	Students should bring calculator, rulers and protractor for the exam.

Mathematics (Core Part)	<p>Chapter 1: Quadratic Equations in One Unknown (I)</p> <p>Chapter 2: Quadratic Equations in One Unknown (II)</p> <p>Chapter 3: Functions & Graphs</p> <p>Chapter 4: Equations of Straight Lines</p> <p>Chapter 5: More about Polynomials</p> <p>Chapter 6: Exponential Functions</p> <p>Chapter 7: Logarithmic Functions</p> <p>Chapter 9: Variations</p> <p>Chapter 10: More about Trigonometry</p> <p>Junior Form Topics:</p> <p>Indices, Change of subject, Factorization, Percentages, Simultaneous Equations</p>	<p>Calculators are allowed.</p> <p>Paper 1: Short and Long Questions</p> <p>Paper 2: 36 MC Questions</p>
Mathematics (Module 2)	<p>Chapter 0: Pre-requisite Knowledge</p> <p>Chapter 1: Mathematical Induction</p> <p>Chapter 2: Binomial Theorem</p> <p>Chapter 3: More about Trigonometric Functions</p> <p>Chapter 4: Limits and the Number e</p> <p>Chapter 5: Differentiation (Section 5.1 Only)</p>	<p>Calculators are allowed.</p>
Physical education (DSEPE)	<p>(第 1 課) 體育、運動、康樂、消閒與豐盛人生: 歷史和發展</p> <p>(第 2 課) 人體</p> <p>(第 4 課) 維持健康與活動表現的體適能和營養</p> <p>(第 6 課) 運動創傷、處理與預防方法</p>	
Physics	<p>Book 1: Ch 1-4 Book 3A: Ch 1-3 (Term 1)</p> <p>Book 2: Ch 1-7 (Term 2)</p>	<p>Bring a calculator.</p> <p>Bring a ruler, a pencil and a rubber for drawing ray diagrams.</p>
Visual arts (DSEVA)	<p><u>Part A: Art Appreciation and Criticism</u></p> <p>Write a critical appreciation of the reproductions of artwork provided.</p> <p><u>Part B: Visual Arts Making</u></p> <p>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.)</p> <p>small quantity of materials for collage, and reference materials (e.g. books, magazines, art dictionaries, etc.).</p>