

Tak Sun Secondary School
Term 1 Exam Syllabuses 2024/25
Form 5

Subject	Syllabus	Remarks
Biology	F.4 (30 - 40%) Ch 1 Introducing biology Ch 2 The cell as the basic unit of life Ch 3 Movement of substances across the cell membrane Ch 4 Enzyme and metabolism Ch 5 Food and humans Ch 6 Nutrition in humans Ch 7 Gas exchange in humans Ch 8 Transport in humans Ch 9 Gas exchange in plants Ch 10 Transpiration, transport and support in plants F.5 (60 - 70 %) Chapter 11 Cell cycle and cell division Chapter 12 Reproduction in flowering plants Chapter 13 Reproduction in humans Chapter 14 Growth and development Chapter 15 Detecting the environment Chapter 16 Coordination in humans	Use of calculator is allowed. Pencil and ruler are required for making biological drawing or/and graph plotting.
Business, Accounting and Financial Studies	- Basic accounting information 1 – 3 - Book of originals entry & Types of ledgers - Simple financial statement - Year-end adjustments + Financial statement - Valuation of inventory - Depreciation (1) and (2) - Bank Reconciliation statement - Accounting concepts - Partnership (appropriation & revaluation) - Limited Company - Accounting ratio	Bring a calculator and a ruler for the exam.
Chemistry	F.4 (~ 20%) Topic IV Acids and bases F.5 (~ 80%) Topic VI Microscopic world II Topic XI Chemistry of carbon compounds Topic IX Rate of reaction	

	Standard homework Hkedcity M.C. questions	
Chinese History	課題4 北朝胡漢融和及南朝士族與寒門 課題5 隋唐盛世及安史之亂 課題6 宋、元的中央集權 課題7 明、清的君主集權 課題8 列強的入侵 課題9 改革和革命	
Chinese Language	卷一 閱讀 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) 乙部：閱讀能力考材 課外白話及文言篇章 (提供篇章) 卷二 寫作 甲部：實用寫作 (550 字) 乙部：文體寫作 (800 字以上)	
Citizenship and Social Development	主題一 一國兩制下的香港 主題二 改革開放以來的國家 1. 改革開放概略：發展歷程及相關策略 2. 人民生活素質的轉變與提升 3. 綜合國力的提升	
Information and Communication Technology	F5 Topics All materials covered in textbook book B The following topics in Book C1 (Internet and its Application): - Ch 1.4 : Network Hardware - Ch 1.5 : Method of Internet Access - Ch2: Internet Protocols - Ch3: Internet Services: Email, Search Engine, Smart City All Python programming concepts covered in CodeHS (F4+F5) including but not limited to: - Function - For loop and nested for loop - Basic algorithm in F4 (e.g. sum, max, min, counting, swapping of array elements) F4 Topics - Basic concept of data control and data representation - Basic concept of 2's complement representation for negative integer.	

Economics	<i>Exploring Economics Book 1 Chapter 1 – 7</i> <i>Exploring Economics Book 2 Chapter 8 – 14</i> <i>Exploring Economics Book 3 Chapter 15 - 17</i>	Bring a calculator and a ruler for the exam.
English Language	Paper 1 <i>Reading Exam practices</i> <i>National Geographic Reading Explorer Units 6 & 7</i> <i>Exam will include Part A and Part B1/B2</i> Paper 2 <i>Part A: Short writing (about 200 words)</i> <i>Part B: Long writing (about 400 words). Choose 1 from 4 topics.</i> <i>Writing Text Types: Movie Reviews, Articles</i> Paper 3 <i>Oxford Advanced Exam Skills Listening & Integrated Skills Volume 2</i> <i>Units 6 & 7</i> <i>Exam will include Part A and Part B1/B2</i> Paper 4 <i>Part A: 8 minutes discussion for a group of 4 candidates</i> <i>(6 mins for a group of 3)</i> <i>Part B: 1 minute individual response</i> <i>*Including any prior knowledge of English Language</i>	
Geography	<i>Chapter 1 – Chapter 5</i> <i>Chapter 6.1 - 6.3</i>	
Mathematics (Core Part)	Book 4A <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> Book 5A <i>Chapter 1 Basic Properties of Circles</i> <i>Chapter 2 Tangents to Circles</i> <i>Chapter 3 Inequalities</i> <i>Chapter 4 Linear Programming</i> Junior Form Topics ➤ <i>Indices</i> ➤ <i>Formula</i> ➤ <i>Factorization</i> ➤ <i>Simultaneous Equations</i> ➤ <i>Percentages</i> ➤ <i>Geometry</i>	

Mathematics (Module 2)	Chapter 0 Pre-requisite Knowledge Chapter 1 Mathematical Induction Chapter 2 Binomial Theorem Chapter 3 More about Trigonometric Functions Chapter 4 Limits and Number e Chapter 5 Differentiation Chapter 6 Section 6.1 – Section 6.4	
Physical education (DSEPE)	(第1課) 體育、運動、康樂、消閒與豐盛人生: 歷史和發展 (第2課) 人體 (第3課) 動作分析 (第4課) 維持健康與活動表現的體適能和營養 (第5課) 運動與訓練的生理學基礎 (第6課) 運動創傷、處理與預防方法	
Physics	F5 syllabus: (~70%) Book 1 Ch5, Book 2 Ch8, Book 3B Ch4-7 F4 syllabus: (~30%) Book 1 Ch1-4, Book 2 Ch1-7, Book 3A Ch1-3	Bring a ruler, pencil and rubber for drawing ray diagrams Bring a calculator for the exam.
Visual arts (DSEVA)	Part A: Art Appreciation and Criticism Write a critical appreciation of the reproductions of artwork provided. Part B: Visual Arts Making 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.	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.).