

Tak Sun Secondary School
Term 1 Exam Syllabuses 2023/24

Form 4

Subject	Syllabus	Remarks
Biology	<p><i>Chapter 1 Introducing Biology</i></p> <p><i>Chapter 2 The cell as the basic unit of life</i></p> <p><i>Chapter 3 Movement of substances across the cell membrane</i></p> <p><i>Chapter 4 Enzyme and metabolism</i></p> <p><i>Chapter 5 Food and humans</i></p> <p><i>Chapter 6 Nutrition in humans (only include 6.1-6.3) (P.1-9)</i></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"> - <i>Basic accounting information 1 – 3</i> - <i>Book of originals entry & Types of ledgers</i> - <i>Simple financial statement</i> 	Bring a calculator and a ruler for the exam.
Chemistry	<p><i>Topic I Planet Earth (Units 2 – 4)</i></p> <p><i>Topic II Microscopic World I (Units 5 – 9)</i></p> <p><i>Topic III Metals (Units 10 – 11, 13)</i></p> <p><i>Standard homework and experiment worksheets</i></p> <p><i>Hkedcity M.C. questions</i></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 (課本四上至 p.173)</p>	
Chinese Language	<p>卷一 閱讀</p> <p>甲部：指定閱讀篇章 《岳陽樓記》、《始得西山宴遊記》、《山居秋暝》(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>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>香港問題的由來和回歸歷程概略</p> <p>國家和香港特別行政區的憲制關係(主權治權在中國),「一國兩制」及《基本法》的法律依據</p> <p>維護國家安全的意義(「總體國家安全觀」);《香港國安法》與促進香港長遠發展,以及與平衡法治和人權的關係</p> <p>香港特別行政區的政治體制</p>	

<p>Information and Communication Technology</p>	<p><i>All materials covered in textbook A1</i></p> <p><i>Ch.1, 2.2, and 3</i></p> <p><i>All Python programming concepts covered in CodeHS including but not limited to:</i></p> <ul style="list-style-type: none"> - <i>Variable Data type and data type conversion</i> - <i>Base if elif else construct</i> - <i>For loop and Array</i> - <i>Swapping the content of two variables.</i> - <i>Simple while loop</i> 	
<p>Economics</p>	<p><i>Exploring Economics Book 1 Chapters 1 & 2</i></p> <p><i>Exploring Economics Book 2 Chapters 9 – 11</i></p>	<p>Bring a calculator for the exam.</p>
<p>English Language</p>	<p>Paper 1</p> <p><i>National Geographic Reading Explorer Units 1-2</i></p> <p>Paper 2</p> <p><i>Part A: Short writing (about 200 words)</i></p> <p><i>Part B: 1-sided argumentative essay or letter of advice</i></p> <p>Paper 3</p> <p><i>Oxford Advanced Exam Skills Listening & Integrated Skills Volume 1</i></p> <p><i>Units 1 & 2</i></p> <p>Paper 4</p> <p><i>Group discussion, 3-4 students a group</i></p> <ul style="list-style-type: none"> - <i>Preparation time: 10 minutes</i> - <i>Discussion time: 8 minutes</i> - <i>Individual response: 1 minute</i> <p><i>*Including any prior knowledge of English Language</i></p>	
<p>Geography</p>	<p><i>Chapter 1, Chapter 2.5 and 2.6</i></p>	
<p>Mathematics (Core Part)</p>	<p><u>Book 4A</u></p> <p><i>Chapter 1 Quadratic Equations in One Unknown (I)</i></p> <p><i>Chapter 2 Quadratic Equations in One Unknown (II)</i></p> <p><i>Chapter 3 Functions and Graphs</i></p> <p><i>Chapter 4 Equations of Straight Lines</i></p> <p><u>Junior Form Topics</u></p> <ul style="list-style-type: none"> ➤ <i>Indices</i> 	

	<ul style="list-style-type: none"> ➤ <i>Formula</i> ➤ <i>Factorization</i> ➤ <i>Simultaneous Equations</i> ➤ <i>Percentages</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 Section 2.1 The Notation $n!$ and C_r^n</i></p>	
Physical education (DSEPE)	<p>第一部分 體育、運動、康樂、消閒與豐盛人生：歷史和發展</p> <p>第二部分：人體-人體的類型及基本結構、骨骼系統、神經系統、肌肉系統、心血管系統</p> <p>體適能: 簡單器械動作應用</p>	<p>試題 (80%)</p> <p>體適能 (20%)</p>
Physics	<p><i>Book 3A: Ch 1-3</i></p> <p><i>Book 1: Ch 1-4</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>