

Tak Sun Secondary School  
Class of 2014  
Form 4 Streaming Hand Book

March 2011

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## I. Introduction of New Senior Secondary (NSS) Curriculum

### (a) Learning Goals for NSS Curriculum

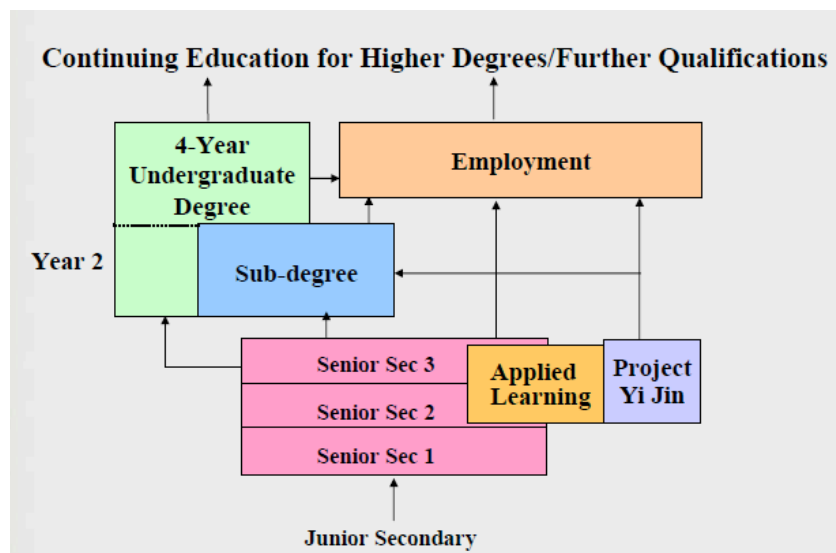
After the completion of new senior secondary (NSS) curriculum, it is expected students:

- to be obliterate and trilingual with adequate proficiency;
- to acquire a broad knowledge base, and be able to understand contemporary issues, that may impact on their daily life at personal, community, national and global levels;
- to be an informed and responsible citizen with a sense of global and national identity;
- to respect pluralism of cultures and views, and be a critical, reflective and independent thinker,
- to acquire IT and other skills as necessary for being a life-long learner;
- to understand their own career academic aspirations and develop positive attitudes towards work and learning;
- to lead a healthy life style with active participation in aesthetic and physical activities.

### (b) NSS Curriculum Framework

<p><b>4 Core Subjects:</b></p> <p>Chinese Language English Language Mathematics Liberal Studies</p> <p>Time Allocation: <b>45-55%</b></p>	<p><b>Elective Subjects:</b></p> <p>3 elective subjects chosen from 12 NSS elective subjects, Applied Learning Courses and other language courses</p> <p>Time Allocation: <b>20-30%</b></p>	<p><b>Other Learning Experiences (OLE)</b></p> <p>Moral and Civic Education, Community Service, Aesthetic Development, Physical Development and Career-related Experiences</p> <p>Time Allocation: <b>15-35%</b></p>
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### (c) Different Pathways for Lifelong Learning



## II. Introduction of TSSS Senior Secondary Curriculum

### (a) Curriculum Framework (tentative)

	Form 4 (2011/12)	Form 5 (2012/13)	Form 6 (2013/14)
<b>Core Subjects</b>	English Language	English Language	English Language
	Chinese Language	Chinese Language	Chinese Language
	Mathematics (Compulsory Part)	Mathematics (Compulsory Part/ Compulsory Part + M1/ Compulsory Part + M2)	Mathematics (Compulsory Part/ Compulsory Part + M1/ Compulsory Part + M2)
	Liberal Studies	Liberal Studies	Liberal Studies
<b>Elective Subjects</b>	2 Elective Subjects/ 3 Elective Subjects	1 Elective Subject + ApL/ 2 Elective Subjects + ApL/ 2 Elective Subjects/ 3 Elective Subjects*	1 Elective Subject + ApL/ 2 Elective Subjects + ApL/ 2 Elective Subjects/ 3 Elective Subjects*
<b>Other Learning Experiences</b>	Aesthetic Education	Religious Studies & Ethics	Religious Studies & Ethics
	Religious Studies & Ethics	Physical Education	Physical Education
	Physical Education		

Note:

M1: Mathematics Extended Module 1

M2: Mathematics Extended Module 2

ApL: Applied Learning Course

\* Students taking Mathematics Extended Module (M1 or M2) are not allowed to take 3 Elective Subjects.

#### **Elective Subjects\*\* to be offered:** (tentative)

- Chinese Literature
- Biology
- Chemistry
- Physics
- Combined Science (Biology + Chemistry)
- Chinese History
- Economics
- Geography
- History
- Business, Accounting and Financial Studies
- Information and Communication Technology (C)
- Information and Communication Technology (D)
- Applied Learning Course\*\*\* – Film and Video Studies (to be offered in Form 5)

\*\* The minimum class size is 8 and the maximum class size is 36.

\*\*\* The minimum class size is 20.

## (b) Core Subjects

### **English Language**

#### **Curriculum Objectives**

- To provide every learner of English with further opportunities for extending their knowledge and experience of the cultures of other people as well as opportunities for personal and intellectual development, further studies, pleasure and work in the English medium; and
- To enable every learner to prepare for the changing socio-economic demands result from advances in information technology (IT) – demands which include the interpretation, use and production of texts for pleasure, study and work in the English medium.

#### **Curriculum Contents**

##### Compulsory Part:

- In the Compulsory Part, students will continue doing what they have been doing in the junior secondary level, i.e. the task-based approach to language learning. The focus will be on the four language skills, grammar, communicative functions, vocabulary and text-types. Up to 75% (approximately 305 hours) of lesson time will be allocated to the learning and teaching of the Compulsory Part.
- Below are some of the modules and units for senior secondary level:

Getting along with others	Study, school life and Work	Communicating
Nature and Environment	Leisure and Entertainment	Technology
Cultures of the World	The Individual and Society	Wonder Things

##### Elective Part:

- Learning English through Poems and Songs
- Learning English through Popular Culture
- Learning English through Social Issues
- The School will offer modules that suit the needs of our students and the school context starting Form 5.

#### **Assessment**

Component		Weighting	Duration
Public examination	Paper 1 Reading	20%	1.5 hours
	Paper 2 Writing	25%	2 hours
	Paper 3 Listening & Integrated Skills	30%	~ 2 hours
	Paper 4 Speaking	10%	~ 20 minutes
School-based Assessment (for school candidates only)		15%	

#### **Further Study and Career Opportunities**

- By broadening and enriching students' knowledge, skills and experience, the senior secondary English Language curriculum provides a firm foundation for further study, vocational training or work.
- It opens up a variety of post-secondary educational and career pathways, particularly in the areas of media production, performing arts, teaching, business, law and social sciences.

- Students have to obtain at least level 3 to meet the university admission requirements. A few universities even set the admission requirement for English Language at level 4. For associated degree or higher diploma programme, the admission requirement for this subject is level 2.

**For further enquiries about this subject, please contact Mr. Tony Lau.**



## 中國語文

### 課程目標

- 提高讀寫聽說的能力及獨立思考、批判、創造的能力
- 培養審美情趣和能力;建立品德,了解個人能力、性向、特長,以籌畫未來的學習、生活和工作;加強對家庭、國家及世界的責任感;
- 培養好學精神、積極的態度及正面價值觀;拓寬國際視野。

### 課程內容

必修部分	選修部分
包括閱讀、寫作、聆聽、說話、文學、中華文化、品德情意、思維和語文自學九個學習範疇的學習	三個單元： <ul style="list-style-type: none"><li>• 名著及改編影視作品</li><li>• 新聞與報道</li><li>• 口語才藝《自擬單元》</li></ul>

### 評核

部分	內容	比重	評核形式	考試時間
公開考試	卷一 閱讀能力	20 %	筆試	1小時15分鐘
	卷二 寫作能力	20 %	筆試	1小時30分鐘
	卷三 聆聽能力	10 %	筆試	約45分鐘
	卷四 說話能力	14 %	朗讀、口語溝通	約32分鐘
	卷五 綜合能力考核	16 %	筆試	1小時15分鐘
校本評核	必修部分: <ul style="list-style-type: none"><li>● 閱讀活動</li><li>● 日常課業及其他語文活動</li></ul>	8 %		
	選修部分(三個單元): <ul style="list-style-type: none"><li>● 日常學習表現</li><li>● 單元終結表現</li></ul>	12 %		

### 升學及就業

- 本課程要為學生奠定紮實的語文根基,提供多元化的學習經驗,培養學生綜合運用語文的能力,並能學以致用,為他們接受專上教育,或投身社會工作做好準備。
- 根據教育局大學收生要求,學生需於公開考試中考獲第三級成績,而數間大學更要求第四級或以上成績。其他副學士及高級文憑課程均以中國語文科考獲2級為基本入學要求。

同學如對本科有任何疑問,可與姚啓文老師查詢。



## **Mathematics**

### **Curriculum Objectives**

- Further develop students' mathematical knowledge, skills and concepts
- Provide students with mathematical tools for their personal development and future career pathways
- Provide a foundation for students who may further their studies in Mathematics or related areas
- Develop in students the generic skills, and in particular, the capacity to use mathematics to solve problems, reason and communicate
- Develop students' interest in and positive attitudes towards mathematical learning
- Develop students' competence and confidence in dealing with mathematics needed in life
- Help students to fulfill their potential in mathematics

### **Curriculum Contents**

Compulsory Part	Extended Part (offer in Form 5 and 6)	
Number and Algebra	Module 1	Module 2
Measures, Shape and Space	Calculus and Statistics	Algebra and Calculus
Data Handling		

Students may take:

- the compulsory part only;
- the compulsory part with module 1; or
- the compulsory part with module 2.

### **Assessment**

Component		Weighting	Duration
Public Examination	Paper 1 Conventional questions	65%	2¼ hours
	Paper 2 Multiple-choice questions	35%	1¼ hours
	Module 1 Conventional questions	100%	2½ hours
	Module 2 Conventional questions	100%	2½ hours

- The students' performances in the public examination in the Compulsory Part, Module 1 and Module 2 will be separately reported for the reference of different users.

### **Further Study and Career Opportunities**

- Mathematics is a powerful means in a technology-oriented and information-rich society to help students acquire the ability to communicate, explore, conjecture, reason logically and solve problems.
- Mathematics helps to lay a strong foundation for students' lifelong learning and provides a platform for the acquisition of new knowledge.
- Students have to obtain at least level 2 to meet the university admission requirements. Certain university subjects require students to study extended module as basic admission requirement.

**For further enquiries about this subject, please contact Mr. Sum Wong.**

## 通識教育科

### 課程目標

高中通識教育科旨在幫助學生:

- 加深對自身、社會、國家、人文世界和物質環境的理解;
- 對不同情境中(例如文化、社會、經濟、政治及科技)經常出現的當代議題作多角度思考;
- 成為獨立思考者,能夠適應個人和社會環境的不斷轉變情況而建構知識;
- 培養與終身學習有關的能力,包括批判性思考能力、創造力、解決問題能力、溝通能力和運用資訊科技能力;
- 在多元社會中欣賞和尊重不同的文化和觀點,並學習處理相互衝突的價值觀;
- 建立正面的價值觀和積極的人生態度,使他們成為對社會、國家和世界有認識和負責任的公民。

### 課程內容

學習範圍	獨立專題探究
自我與個人成長 • 單元一：個人成長與人際關係	學生須運用從三個學習範圍所獲取的知識和角度,並推展至新的議題或情境,來進行一項獨立專題探究。下列的建議主題,可用於幫助學生發展自己的獨立專題探究題目: • 傳媒 • 教育 • 宗教 • 體育運動 • 藝術 • 資訊及通訊科技
社會與文化 • 單元二：今日香港 • 單元三：現代中國 • 單元四：全球化	
科學、科技與環境 • 單元五：公共衛生 • 單元六：能源科技與環境	

### 評核

部分		比重	時間
公開考試	卷一 :資料回應題	50 %	2小時
	卷二 :延伸回應題	30 %	1小時15分鐘
校本評核		20 %	

### 升學及就業

- 透過研習通識教育科,學生可探索不同的進修途徑和就業出路。
- 通識教育科所培養的智能和多角度思維,對學生修讀大專程度的不同課程皆有裨益。根據教育局大學收生要求,學生需於公開考試中考獲第二級成績,而多間大學個別課程更要求第三級或以上成績。
- 此外,本科也幫助學生為投入工作的環境作好準備。本科培養的公民素養、社會觸覺和具識見的決策能力,將幫助學生在面對瞬息萬變的工作環境和具挑戰性的職業發展時,能有效地學習和作出明智的決定。

同學如對本科有任何疑問,可與林堅恆老師查詢。

### (c) Elective Subjects

#### 中國文學

##### 課程目標

- 學生藉著學習中國文學，提升審美、探究、創新的能力，弘揚民族文化。
- 培養及增進學生之知識、共通能力（溝通、創造及批判思考）、價值觀及人生態度。
- 鞏固及深化中國語文科的文學材料學習。培養學生審美情趣、提升藝術品味。
- 提升文學素養，承傳文學遺產。陶冶性情，美化人格；培養對國家民族、人類社會的感情。
- 發展個性，發掘潛能，發揮特長，為日後工作和進修作好準備。

##### 課程內容

必修部份	選修部份
包括文學賞析與評論、文學創作、文學學習 基礎知識的學習	三個單元： 香港文學、文學專題、文學作品中的人物形象

##### 評估方法

部份	內容	比重	評核形式	考試時間
公開考試	卷一 文學創作	22%	筆試	3小時
	卷二 文學賞析	43%	筆試	3小時
校本評核	必修部分：			
	• 創作練習	9%		
	• 課外閱讀	6%		
	選修部分：			
• 日常學習表現	20%			
• 單元終結表現				

##### 升學及就業

- 中國語言及文學系（簡稱中文系）優先取錄
- 常見職業出路及代表人物（以讀寫聽講、文化及創意能力擔任職位）
  - （一）文化界職業
    - （甲）電台節目主持人 例：麥潤壽
    - （乙）電影導演及製作 例：林超榮、張堅庭
    - （丙）電視電影編劇 例：林超榮、李贊祥
    - （丁）廣告製作人及填詞人 例：林夕、黃霑（已故）
    - （戊）散文作家例：陳耀南、小思、林超榮、潘步釗、周樹佳
  - （二）教育界及政府職業
    - （甲） 教師或校長
    - （乙） 二級中文主任

【備註】香港大學於2010年推出「文學及法律學士」，強調文學增強表達有助律師職業

同學如對本科有任何疑問，可與韓偉良老師查詢。

## **Biology**

### **Curriculum Objectives**

The broad aims of the Biology Curriculum are to enable students to:

- develop and maintain an interest in biology, a sense of wonder and curiosity about the living world, and a respect for all living things and the environment;
- construct and apply knowledge of biology, understand the nature of science in biology-related contexts, and appreciate the relationships between biological science and other disciplines;
- develop the ability to make scientific inquiries; think scientifically, critically and creatively; and solve biology-related problems individually and collaboratively;
- understand the language of science and communicate ideas and views on biology-related issues;
- be aware of the social, ethical, economic, environmental and technological implications of biology, and be able to make informed decisions and judgments on biology-related issues; and
- develop an attitude of responsible citizenship, and a commitment to promote personal and community health.

### **Curriculum Contents**

Compulsory Part		Elective Part	
I. Cells and Molecules of Life		V. Human Physiology: Regulation and Control	
II. Genetics and Evolution		VI. Applied Ecology	
III. Organisms and Environment			
IV. Health and Diseases			

### **Assessments**

Component	Outline	Weighting	Duration
Public Examination	Paper 1 Compulsory part	60%	2.5 hours
	Part 2 Elective Part (A choice of two out of four elective topics)	20%	1 hour
School-based Assessment	Practical Related Tasks and Non-Practical Related Tasks	20%	

### **Further Study and Career Opportunities**

- Biology related subjects in the universities of Hong Kong and other countries, e.g. Chinese medicine, medicine, health sciences, pharmacy, dentistry, nursing, biology, chemistry.
- Career opportunities – Doctors, pharmacists, nurses, teachers, research works in universities or private companies, analytical works in Government Laboratory and private testing laboratories.

**For further enquiries about this subject, please contact Mr. Ben Chan.**

## **Chemistry**

### **Curriculum Objectives**

- The overarching aim of the Chemistry Curriculum is to provide chemistry-related learning experiences for students to develop scientific literacy, so that they can participate actively in our rapidly changing knowledge-based society, prepare for further studies or careers in fields related to chemistry, and become lifelong learners in science and technology.

### **Curriculum Contents**

Compulsory part	Elective part
<ul style="list-style-type: none"><li>• <i>Planet Earth</i></li><li>• <i>Microscopic world I</i></li><li>• <i>Metals</i></li><li>• <i>Acids and bases</i></li><li>• <i>Fossil fuels and carbon compounds</i></li><li>• <i>Microscopic world II</i></li><li>• <i>Redox reactions, chemical cells and electrolysis</i></li><li>• <i>Chemical reactions and energy</i></li><li>• <i>Rate of reaction</i></li><li>• <i>Chemical equilibrium</i></li><li>• <i>Chemistry of carbon compounds</i></li><li>• <i>Patterns in the chemical world</i></li></ul>	<ul style="list-style-type: none"><li>• <i>Industrial chemistry</i></li><li>• <i>Analytical chemistry</i></li></ul>

### **Assessments**

Component		Weighting	Duration
Public Examination	Paper 1 Compulsory part	60%	2.5 hours
	Paper 2 Elective part	20%	1 hour
School-based assessment (SBA) <ul style="list-style-type: none"><li>• Basic Chemical Analysis (8%)</li><li>• Experiment (12%)</li></ul>		20%	

### **Further Study and Career Opportunities**

- Chemistry related subjects in the universities of Hong Kong and other countries, e.g. Chinese medicine, medicine, health sciences, pharmacy, dentistry, nursing, biology, chemistry.
- Career opportunities – Doctors, pharmacists, nurses, teachers, research works in universities or private companies, analytical works in Government Laboratory and private testing laboratories.

**For further enquiries about this subject, please contact Mr. Derek Lam.**

## Physics

### Curriculum Objectives

- The main aim of the Physics Curriculum is to provide physics-related learning experiences for students to develop scientific literacy, so that they can participate actively in our rapidly changing knowledge-based society, prepare for further studies or careers in fields related to physics, and become lifelong learners in science and technology.

### Curriculum Contents

Compulsory Part	Elective Part
1. Heat and Gases 2. Force and Motion 3. Wave Motion 4. Electricity and Magnetism 5. Radioactivity and Nuclear Energy	1. Astronomy and Space Science 2. Energy and Use of Energy

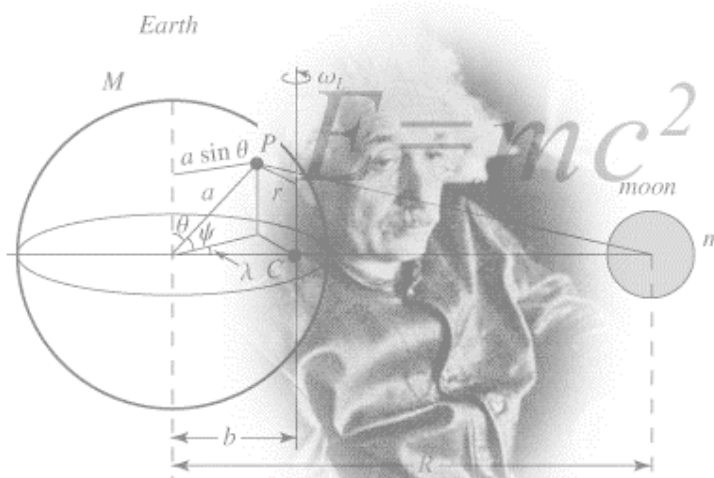
### Assessments

Component	Outline	Weighting	Duration
Public Examination	Paper 1 Compulsory Part	60%	2.5 hours
	Paper 2 Elective Part	20%	1 hour
School-based Assessment	Practical related tasks and non-practical related tasks	20%	

### Further Study and Career Opportunities

- Students who study Physics have an advantage in pursuing some subjects in tertiary education such as Physics, Engineering, Information Technology, Surveying, Optometry and Physiotherapy.
- For Physics students, there is a wide range of career opportunities such as education, scientific research, engineering, aviation and meteorology.

**For further enquiries about this subject, please contact Johnson Chan.**



## **Combined Science (Biology + Chemistry)**

### **Curriculum Objectives**

- The overarching aim of this Combined Science Curriculum is to provide biology and chemistry-related learning experiences that enable students to develop scientific literacy, so that they can participate actively in our rapidly changing knowledge-based society, prepare for further studies or careers in the fields related to life science, and become lifelong learners in science and technology.

### **Curriculum Contents**

Biology part of Combined Science	Chemistry part of Combined Science
<ul style="list-style-type: none"><li>• Essential life processes in plants</li><li>• Essential life processes in animals</li><li>• Reproduction, growth and development</li><li>• Coordination and response</li><li>• Homeostasis</li><li>• Organisms and Environment</li><li>• Ecosystems</li></ul>	<ul style="list-style-type: none"><li>• Planet Earth</li><li>• Microscopic world I</li><li>• Metals</li><li>• Acids and bases</li><li>• Fossil fuels and carbon compounds</li><li>• Microscopic world II</li><li>• Redox reactions, chemical cells and electrolysis</li><li>• Chemical reactions and energy</li></ul>

### **Assessments**

Component of the biology part of combined science		Weighting	Duration
Public Examination	Biology part of the curriculum	40%	1½ hours
School-based assessment		10%	-

Component of the chemistry part of combined science		Weighting	Duration
Public Examination	Chemistry part of the curriculum	40%	1½ hours
School-based assessment		10%	-
<ul style="list-style-type: none"><li>• Volumetric Analysis (4%)</li><li>• Experiment (6%)</li></ul>			

### **Further Study and Career Opportunities**

- Chemistry related subjects in the universities of Hong Kong and other countries, e.g. Chinese medicine, medicine, health sciences, pharmacy, dentistry, nursing, biology, chemistry.
- Career opportunities – Doctor, pharmacists, nurses, teachers, research works in universities or private companies, analytical works in Government Laboratory and private testing laboratories.

**For further enquiries about this subject, please contact Mr. Derek Lam.**

## 中國歷史科

### 課程內容及結構

- 課程以初中歷史與文化為基礎，銜接高等教育階段的中國歷史本科課程，為修讀的學生提供多元化的中國歷史學習經歷，使他們在初中學習的基礎上，進一步豐富中國歷史的知識，提升研習歷史的能力，為終身學習和未來發展作好準備。
- 在課程內容方面，以政治史及文化史兩大領域為主，是本課程「歷代發展」及「歷史專題」兩部分的基礎。
- 「歷代發展」部分突破以朝代為依歸的設計框架，著重突出不同「歷史時期」的主要特點，以銜接高等教育的「通史式」中國歷史課程。
- 「歷史專題」部分則在更廣闊的層面上從文化、地理、人物、制度、宗教及性別等方面，讓學生認識中國歷史的多元面貌，從而為日後修習高等教育的各種專門歷史作好準備。

#### 具體教學安排：

- 必修部分：「歷代發展」部份，當中包括：
  - 高中一年級全年：甲部：「上古至十九世紀中葉」；
  - 高中二年級上學期：乙部：「十九世紀中葉至二十世紀末」；
- 選修部分：「歷史專題」部分，以主題式設計，擬定教授兩選修單元)
  - 高中二年級下學期：制度與政治演變（暫定）  
(專題旨在讓學生從田制、兵制與科舉制的發展，洞察制度與政治演變的關係。田制、兵制及科舉制度是歷史上三種重要制度，與政局的變化關係極為密切。)
  - 高中三年級上學期：宗教傳播與文化交流（暫定）  
(專題讓學生研習四種主要宗教在中國的發展與傳播，認識不同文化的發展、調適與融和。宗教的傳播方式及發展情況，對中國的政治、社會、經濟、文化產生了極大的影響。)

#### 評核

卷別	時間	結構	比重
試卷一 (必修部分：「歷代發展」)	2小時	<ul style="list-style-type: none"><li>必答題，涵蓋甲、乙部佔全卷50%。 (作答時間：1小時)</li><li>其餘「甲部」、「乙部」各設3題，考生須分別各選答1題，佔全卷50%。 (作答時間：1小時)</li><li>全卷共答3題。</li></ul>	48%
試卷二 (選修部分：「歷史專題」)	1½小時	<ul style="list-style-type: none"><li>卷共答3題。</li><li>每1單元各設3題。</li><li>學生從所選單元各選答1題。</li><li>共答2題完卷。</li></ul>	32%

校本評核：學生呈交「學習及評核計畫」。校本評核佔公開評核的20%。

#### 升學及就業出路

- 本課程要求學生能對事物作多角度的探究及分析，並具備研習歷史的正面態度和技巧，以便在日後修習大專院校課程打好穩固的學術基礎。此外，歷史研習亦能讓學生學習處世方式。這種經驗對學生將來服務社會有很大的幫助。

- 選修本科可選擇的本地升學途徑：

院校	選修科目
各大專院校開設的本科課程	1. 歷史      2. 中國語言及文學 2. 新聞      4. 法律 5. 哲學      6. 人類 7. 社會      8. 經濟 9. 心理      10. 文化研究      等
各大專及專上學院開設的副學位課程	1. 應用社會科學 2. 康樂及休閒事務管理 3. 旅遊、會展及節目管理      等

- 選修本科可從事的職業
  1. 文物保育
  2. 文化旅遊
  3. 文物考古
  4. 檔案管理
  5. 出版編輯
  6. 教育事務

**同學如對本科有任何疑問，可與張耀倫老師查詢。**



## **Economics**

### **Curriculum Objectives**

- The study of economics helps students to understand the human world through enquiring into how resources are used to serve individuals and society. It contributes towards the development of critical thinking and decision-making skills.

### **Curriculum Contents**

Compulsory Part		
Branches	Topic	Topic Name
Microeconomics:	(A)	Basic Economics Concepts
	(B)	Firms and Production
	(C)	Market and Price
	(D)	Competition and Market Structure
	(E)	Efficiency, Equity and the Role of Government
Macroeconomics:	(F)	Measurement of Economics Performance
	(G)	National Income Determination and Price Level
	(H)	Money and Banking
	(I)	Macroeconomic Problems and Policies
	(J)	International Trade and Finance
Elective Part		
Part I		Monopoly Pricing
		Anti-competitive Behaviours and Competition Policy

### **Assessment**

Component	Part	Weighting	Duration
Public Examination	Paper 1 (multiple-choice questions)	25%	1 hour
	Paper 2 (conventional paper) Part 1: Compulsory Part Part 2: Elective Part (a choice of one out of two elective)	60%	2 hours
School-based Assessment	Task-based assessment (news commentary or essay/ report)	15%	

### **Future Study & Career Opportunities**

- This curriculum will provide a useful preparation not just for studying economics but also for other university studies such as management, financial studies, law, environment studies, and public and social administration. The perspectives, knowledge base and skills that are emphasized in senior secondary Economics curriculum can broaden the range of further study choices for students.

**For further enquiries about this subject, please contact Mr. Vincent Lee.**

## **Geography**

### **Curriculum Objectives**

The aims of this curriculum are to enable students to:

- understand the Earth they inhabit, and enable them to recognise and interpret, from a spatial perspective, the arrangement of phenomena and features on Earth, the processes at work, the interactions that occur, the changes that result, and the issues and management responses that arise;
- develop the general intellectual capacity and generic skills needed for lifelong learning through geographical enquiry, and the ability to apply these in life situations;
- appreciate the wonder, interdependence and fragility of the local and global environment, and the importance of promoting sustainable development; and
- develop a sense of citizenship, a global outlook, and readiness to take action for the betterment of society, the nation and the world.

### **Curriculum Contents**

Compulsory Part		Elective Part
Part 1	<u>Living with Our Physical Environment</u> - Opportunity and Risks - is it rational to live in hazard-prone areas? - Managing River and Coastal Environments: A continuing challenge	Weather and Climate Regional Study of Zhujiang (Pearl River) Delta
Part 2	<u>Facing Changes in the Human Environment</u> - Changing Industrial Location - How and why does it change over space and time? - Building a Sustainable City - Are environmental conservation and urban development mutually exclusive?	
Part 3	<u>Confronting Global Challenges</u> - Combating Famine - is technology a panacea for food shortage? - Disappearing Green Canopy - Who should pay for the massive deforestation in rainforest regions? - Global Warming - is it fact or fiction?	

### **Assessments**

- Public examination (85%) - paper 1 (60%, 2 hrs, MC questions, Data-based questions, Short essay), paper 2 (1 hr, Data-based questions and Short essay)
- School-base Assessment (15%) - One report submitted in S.6 before the public examination.

**Further Study and Career Opportunities:**

- Geography related subjects in the universities of Hong Kong and other countries, e.g. Geography, Art, Social sciences, Environmental science, Hotel and tourism management and BBA..
- Career opportunities – Transport planning, resources and environmental management, tourism and recreational and, at a broader level, administration and business.

**For further enquiries about this subject, please contact Mr. Clement Ng.**



## **History**

### **Curriculum Objectives**

Students are expected to acquire knowledge and develop understanding of:

- basic historical concepts, such as cause and effect, change and continuity, and similarities and differences;
- diverse standpoints and perspectives inherent in different ways of representing and interpreting the past;
- the beliefs, experiences and behaviours of their own nation as well as of other nations, and the ways in which they have shaped the development of the contemporary world;
- the inter-relations of major events and movements that have occurred in the local community, the nation, Asia and the world in the 20th century; and
- the major historical developments and trends that have shaped the contemporary world.

### **Curriculum Contents**

Compulsory Part		Elective Part
Introduction:	The Making of the Modern World	<ul style="list-style-type: none"><li>• Comparative studies</li><li>• Issue-based studies</li><li>• Local heritage studies</li></ul>
Theme A:	Modernisation and Transformation in Twentieth-Century Asia	
Theme B:	Conflicts and Cooperation in the Twentieth-Century World	

### **Assessments**

- Public Examination: 80%
- School-based Assessment (SBA): 20%

### **Further Study and Career Opportunities**

- Further Studies: Most of local & overseas universities are offering History degree programmes for students to apply.
- Future Career: Students will have a wide choice of careers, such as advertising executive, analyst, archivist, broadcaster, editor, information specialist, journalist, teacher . . . etc.

**For further enquiries about this subject, please contact Mr. Dennis Chung.**

## World History

- ▶ MEDIEVAL SOCIETY
- ▶ BRITISH HISTORY
- ▶ ASIAN HISTORY
- ▶ AUSTRALIAN HISTORY



## **Business, Accounting and Financial Studies**

### **Curriculum Objectives**

To enable students to:

- acquire a common body of business knowledge, including accounting and management;
- make effective business decision in the dynamic business environment;
- develop generic skills in team-building, communication, problem-solving which can be transferred to different domains; and
- explore different aspects of business to prepare for life, for learning and for employment.

### **Curriculum Contents**

Compulsory Part	Elective Part
<ul style="list-style-type: none"><li>○ <i>Business environment</i></li><li>○ <i>Introduction to Management</i></li><li>○ <i>Introduction to Accounting</i></li><li>○ <i>Basics of Personal Financial Management</i></li></ul>	<ul style="list-style-type: none"><li>○ <i>Elective A: Accounting module</i></li></ul>

### **Assessments**

Component		Weighting	Duration
Public Examination	Paper 1 Compulsory part	40%	1½ hours
	Elective part: Paper 2A Accounting module	60%	2½ hours

### **Further Study and Career Opportunities**

Prepare students with essential business knowledge and skills for:

- Further Studies: Higher education/tertiary studies in business subjects such as accountancy, business administration, management, marketing, finance
- Career Opportunities: Accounting sector (auditors, financial controllers, accountants); Finance sector (financial analysts, financial planners); Management sector (executive officers, general managers) or Education sector (teachers, academics, educators)

**For further enquiries about this subject, please contact Mr. George Chan.**



## **Information and Communication Technology**

### **Curriculum Objectives**

- Equip students with problem-solving and communication skills, and encourage them to think critically and creatively through ICT
- Develop students into competent, effective, discriminating, ethical, and confident users of ICT
- Provide students with opportunities to appreciate the impact of ICT on our knowledge-based society and nurture in them positive values and attitudes towards this area

### **Curriculum Contents**

Compulsory Part	Elective Part
<ul style="list-style-type: none"><li>○ <i>Information Processing</i></li><li>○ <i>Computer System Fundamentals</i></li><li>○ <i>Internet and its Applications</i></li><li>○ <i>Basic Programming Concepts</i></li><li>○ <i>Social Implications</i></li></ul>	<ul style="list-style-type: none"><li>○ <i>Elective C: Multimedia Production and Web Site Development</i></li><li>○ <i>Elective D: Software Development</i></li></ul>

### **Assessments**

Component		Weighting	Duration
Public Examination	Paper 1 Compulsory part	55%	2 hours
	Paper 2 Elective part (Choose one only)	25%	1 hour 30 minutes
	2A Databases elective,		
	2B Data Communications and Networking elective,		
2C Multimedia Production and Web Site Development elective, OR			
2D Software Development elective			
School-based Assessment (SBA)		20%	

### **Further Study and Career Opportunities**

- Further Studies
  - Computer Science, Computer Engineering, Information & System Management, Information Engineering, Electronic Engineering
  - ICT skill is also essential to all business and engineering related courses and research
- Career Opportunities
  - Research and Development, IT Trainers & Education
  - IT Consultation Services & Project Manager
  - Specialist in IT to serve in different areas (e.g. Technology Crime Division in the Police Force)

**For further enquiries about this subject, please contact Mr. Eric Tang.**

(d) **Applied Learning**

- Applied Learning (ApL) aims at enabling students to understand fundamental concepts and theories through application and practice, and to develop their generic skills in authentic context.
- The design principle of the ApL is the same as that of other school subjects, with equal emphasis on the development of knowledge, skills and attitudes.
- The ApL is an essential component of the senior secondary curriculum. Students may choose up to three electives including the ApL courses according to their interests, aspirations and aptitudes.
- Three levels of performance: “unattained”, “attained” and “attained with distinction”
- The HKDSE transcript will record the learning outcomes for the ApL course(s) and give recognition to student’ s level of performance

**Film and Video Studies** (Tentative)

Course Provider: Vocational Training Council (VTC)

**Course Objectives**

- develop a critical and appreciative mind through understanding different cultural characteristics and styles of moving images;
- express and communicate visual literacy ideas creatively;
- transform their imagination into motion picture through understanding film language and apply their creativity in film-making with due consideration to work ethics issues such as originality of idea and intellectual property rights;
- integrate communication and interpersonal skills in the project work as a member of a production team; and
- develop self-understanding for further studies and career development in the related field.

**Course Contents**

- Overview of Film Industry
- Exploration of Film Language
- Storytelling by Moving Image
- Media Integration for Communication
- Film & Video Production Project

**Further Study and Career Opportunities**

- Further studies e.g. screen studies, film making, creative arts, digital arts, radio and television production, production management, film scripting and television writing
- Career development
  - positions at entry level (e.g. assistant director, production assistant, continuity, video editor trainee, camera operator, scriptwriter trainee, research writer trainee for TV stations)
  - positions at managerial level (e.g. producer, director, script supervisor, director of photography, senior editor)

For more information, please click <http://www.edb.gov.hk/index.aspx?nodeID=4350&langno=2>

### **III. University Entrance Requirements** (Updated on September 2010)

English Language: Level 3

Chinese Language: Level 3

Mathematics: Level 2

Liberal Studies: Level 2

Elective Subjects: Level 2 / 3 (one to two subjects)

Name of University	Entrance requirements
City University of Hong Kong	4 cores (Chinese Language, English Language, Mathematics and Liberal Studies) and 1 elective subject (level 3)
Hong Kong Baptist University	4 cores (Chinese Language, English Language, Mathematics and Liberal Studies) and 1 elective subject (level 2)
Lingnan University	4 cores (Chinese Language, English Language, Mathematics and Liberal Studies) and 1 elective subject (level 2)
The Chinese University of Hong Kong	4 cores (Chinese Language, English Language, Mathematics and Liberal Studies) and 1 elective subject (level 3)
The Hong Kong Institute of Education	4 cores (Chinese Language, English Language, Mathematics and Liberal Studies) and 2 elective subjects (level 2)
The Hong Kong Polytechnic University	4 cores (Chinese Language, English Language, Mathematics and Liberal Studies) and 1 elective subject (level 2)
The Hong Kong University of Science and Technology	4 cores (Chinese Language, English Language, Mathematics & Liberal Studies) plus 2 elective subjects (level 3), or 4 cores [Chinese Language, English Language, Mathematics (including Extended Module 1 or Module 2) & Liberal Studies] plus 1 elective subject (level 3).
The University of Hong Kong	4 cores (Chinese Language, English Language, Mathematics and Liberal Studies) and 2 elective subjects (level 3)

For more information, please click [http://334.edb.hkedcity.net/doc/eng/ER\\_of\\_UGC\\_e\\_20101011.pdf](http://334.edb.hkedcity.net/doc/eng/ER_of_UGC_e_20101011.pdf)

#### **IV. Promotion and Admission Requirements**

##### **(a) Promotion to Form 4:**

- Grade E or above in the overall year end grade in the three core subjects (English Language, Chinese Language and Mathematics) and in three other academic subjects (Computer Literacy, Integrated Science, Contemporary Studies, and History Studies) in F3; and
- “Satisfactory” or better in conduct.

##### **(b) Admission to Elective Subjects:**

Chinese Literacy:	Grade D or above in the overall year end grade in Chinese Language in F3
Biology:	Grade E or above in the overall year end grade in Integrated Science in F3
Chemistry:	Grade E or above in the overall year end grade in Integrated Science in F3
Physics:	Grade E or above in the overall year end grade in Integrated Science in F3
Combined Science:	Grade E or above in the overall year end grade in Integrated Science in F3
Chinese History:	Grade E or above in the overall year end grade in History Studies in F3
Economics:	Grade E or above in the overall year end grade in Contemporary Studies in F3
Geography:	Grade E or above in the overall year end grade in Contemporary Studies in F3
History:	Grade D or above in the overall year end grade in History Studies and English Language in F3
Business, Accounting and Financial Studies:	Grade E or above in the year end grade in Mathematics in F3
Information and Communication Technology:	Grade E or above in the year end grade in Computer Literacy in F3

#### **V. Streaming Timeline**

March 2011	<ul style="list-style-type: none"><li>• Formation Assembly</li><li>• NSS Elective Subject Introduction Week</li><li>• Student Survey on Elective Subject Preference</li><li>• Parents’ Forum on the NSS introduction</li></ul>
May 2011	<ul style="list-style-type: none"><li>• Quarter 3 Report Cards</li><li>• Formation Assembly to introduce the finalized F4 curriculum</li><li>• Career Workshop</li><li>• Parents’ Forum on the NSS subject allocation</li><li>• Submission of Subject Choice Form</li></ul>
June 2011	<ul style="list-style-type: none"><li>• Final Examination</li></ul>
July 2011	<ul style="list-style-type: none"><li>• Final Examination Report Cards</li><li>• Admission and Subject Allocation Results</li></ul>
August 2011	<ul style="list-style-type: none"><li>• Summer Fortification Programme</li><li>• Parents’ Interview</li></ul>
September 2011	<ul style="list-style-type: none"><li>• Parents’ Forum on the updated information on the NSS implementation</li></ul>

## **VI. Other Useful links**

Education Bureau – New Academic Structure Web Bulletin

<http://www.edb.gov.hk/index.aspx?langno=1&nodeid=5867>

Finalized Assessment Frameworks for HKDSE

[http://www.hkeaa.edu.hk/en/HKDSE/Subject\\_Information/gen\\_info/framework\\_final/](http://www.hkeaa.edu.hk/en/HKDSE/Subject_Information/gen_info/framework_final/)

Tak Sun Secondary School NSS bulletin

[www.tsss.edu.hk](http://www.tsss.edu.hk) (home > Curriculum > New Senior Secondary (NSS) Curriculum)