

CCC Kwei Wah Shan College
2020/2021 Secondary 6 First Term Examination Syllabus

Date	Subject / Paper	Examination Syllabus	Revision Materials
Oct, 29 (Thur)	Mathematics	<ul style="list-style-type: none"> • 1. Number and Algebra Strand <ul style="list-style-type: none"> 1.1 Related topics in S1 to S3 1.2 Quadratic equation in one unknown 1.3 Functions and graphs 1.4 Exponential and logarithmic functions 1.5 More about polynomial 1.6 More about equations 1.7 Variations 1.8 Arithmetic and geometric sequences and their summation 1.9 Inequalities and linear programming 1.10 More about graphs of functions • 2. Measures, Shape and Space Strand <ul style="list-style-type: none"> 2.1 Related topics in S1 to S3 2.2 Basic properties of circles 2.3 Locus 2.4 Equations of straight lines and circles 2.5 More about trigonometry • 3. Data Handling Strand <ul style="list-style-type: none"> 3.1 Related topics in S1 to S3 3.2 Permutation and combination 3.3 More about probability 3.4 Measure of dispersion 3.5 Use and abuse of statistics 	<ul style="list-style-type: none"> • Textbooks: “New Century Mathematics” Books 4A, 4B, 5A, 5B and 6 • Classwork Book • Worksheets • Homework Book • Quiz Papers

CCC Kwei Wah Shan College
2020/2021 Secondary 6 First Term Examination Syllabus

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Oct, 30 (Fri)	Liberal Studies	<p>Module 6: Energy Technology and the Environment</p> <ul style="list-style-type: none"> • Theme 1: The Influences of Energy Technology • Theme 2: The Environment and Sustainable Development <p>Module 1: Personal Development and Interpersonal Relationships</p> <ul style="list-style-type: none"> • Theme 1: Understanding Oneself • Theme 2: Interpersonal Relationship <p>Module 2: Hong Kong Today</p> <ul style="list-style-type: none"> • Theme 1: Quality of Life • Theme 2: The Rule of Law and Social-Political Participation • Theme 3: Identity and Sense of Identity <p>Module 5: Public Health</p> <ul style="list-style-type: none"> • Theme 1: Understanding of Public Health • Theme 2: Science, Technology and Public Health <p>Module 3: Modern China</p> <ul style="list-style-type: none"> • Theme 1: China's Reform and Opening Up • Theme 2: Chinese Culture and Modern Life <p>Module 4: Globalization</p> <ul style="list-style-type: none"> • Theme 1: Impacts of Globalization and Related Responses 	<p>Textbooks:</p> <ul style="list-style-type: none"> • "Energy Technology and the Environment" Unit 1 ~ 4 P. 5 ~ P. 99 Unit 5 ~ 7 P. 101 ~ P. 205 • "Personal Development and Interpersonal Relationships" Unit 1 ~ 4 P. 5 ~ P. 85 Unit 5 ~ 7 P. 86 ~ P. 163 • "Hong Kong Today" Unit 1 ~ 3 P. 5 ~ P. 99 Unit 4 ~ 6 P. 100 ~ P. 169 Unit 7 ~ 8 P. 170 ~ P. 205 • "Public Health" Topic 1 ~ 2 P. 8 ~ P. 66 Topic 1 ~ 3 P. 69 ~ P. 159 • "Modern China" Topic 1 ~ 6 P. 5 ~ P. 192 Topic 7 ~ 8 P. 194 ~ P. 250 • "Globalization" Topic 1 ~ 4 P. 6 ~ P. 197 <ul style="list-style-type: none"> • Worksheets, Notes and Homework

CCC Kwei Wah Shan College
2020/2021 Secondary 6 First Term Examination Syllabus

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Nov, 2 (Mon)	Information & Communication Technology	<p>Compulsory Part</p> <p>Unit A : Information Processing</p> <ul style="list-style-type: none"> • Data Organization and Data Control • Number and Character Coding System(bits, bytes, binary) • Multimedia Elements and Digitization • Word Processing, Spreadsheets, Database & Presentation of Information <p>Unit B: Computer system Fundamentals</p> <ul style="list-style-type: none"> • The System Unit of a Computer System • IPO Device • Secondary Storage Device • System Software and Application & Computer System <p>Unit C: Internet and Its Application</p> <ul style="list-style-type: none"> • Network, Internet, Communication software and Protocols • Internet Service and Applications • HTML & Elementary Web Authoring <p>Unit D: Basic Programming Concepts</p> <ul style="list-style-type: none"> • Problem-solving Procedures • Algorithm Design & Testing <p>Unit E: Social Implications</p> <ul style="list-style-type: none"> • Equity, work and health issues • Intellectual Property • Threats and Security on the Internet <p>Elective D</p> <p>Unit A: Pascal Programming</p> <ul style="list-style-type: none"> • Simple Data Types and Statements • Selection Statements • Iteration Statements • Program Testing and Debugging Software • Functions and Procedures • Data Structure: Arrays, Stacks, Queues and Linked Lists • Algorithms in Programming: Searching, Sorting and Merging 	<ul style="list-style-type: none"> • Textbooks: Compulsory Part Book 1: Chapter 1 ~ 10 Book 2: Chapter 11 ~ 20 Book 3: Chapter 21 ~ 28 Elective Part D Book 1: Chapter 1 ~ 15 • Worksheets, Notes, Schoology exercise • DSE Past Paper : 2012 ~ 2019 • KWSC Past Paper : S4 ~ S6

CCC Kwei Wah Shan College
2020/2021 Secondary 6 First Term Examination Syllabus

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Nov, 2 (Mon)	Economics	<p>Microeconomics</p> <ul style="list-style-type: none"> • Basic Economic Concepts • Demand & Supply • Ownership of firm • Production • Factors of production • Production & cost • Profit Maximization • Market Structure • Market Efficiency • Equity and efficiency <p>Macroeconomics</p> <ul style="list-style-type: none"> • Measurement of economic performance: GDP & GNP • Aggregate demand and supply • Money and banking • Money supply and demand 	<ul style="list-style-type: none"> • Textbooks: “HKDSE Economics in life” Micro 1-3 • “HKDSE Economics in life” Macro 1 • Notes & Worksheets * • Personalised Notebook • Quiz * • Assessment on Google Classroom • Self-learning materials * <p>* Materials can be found in Google Drive</p>

CCC Kwei Wah Shan College
2020/2021 Secondary 6 First Term Examination Syllabus

Date	Subject / Paper	Examination Syllabus	Revision Materials
Nov, 3 (Tue)	Biology	<p>Paper 1</p> <ul style="list-style-type: none"> • 1A CH1 : Introducing biology CH2 : The cell as the basic unit of life CH3 : Movement of substances across cell membrane CH4 : Enzymes and metabolism CH5 : Food and humans CH6 : Nutrition in humans • 1B CH7 : Gas exchange in humans CH8 : Transport in humans CH9 : Nutrition and gas exchange in plants CH10 : Transpiration, transport and support in plants • 2 CH11 : Cell cycle and division CH12 : Reproduction in flowering plants CH13 : Reproduction in humans CH14 : Growth and development CH15 : Detecting the environment CH16 : Coordination in humans CH17 : Movement in humans CH18 : Homeostasis • 3 CH19 : Biodiversity CH20 : Ecosystems CH21 : Photosynthesis CH22 : Respiration CH23 : Infectious diseases CH24 : Non-infectious diseases and disease prevention CH25 : Body defence mechanisms • 4 CH26 : Basic genetics CH27 : Molecular genetics CH28 : Biotechnology CH29 : Evolution I CH30 : Evolution II <p>Paper 2</p> <ul style="list-style-type: none"> • 6 Ch36 : Human impact on the environment Ch37 : Pollution control and conservation 	<ul style="list-style-type: none"> • Textbooks : Paper 1 《1A》 P. 1.5 ~ P. 6.25 《1B》 P. 7.3 ~ P. 10.18 《2》 P. 11.5 ~ P. 18.8 《3》 P. 19.5 ~ P. 25.28 《4》 P. 26.3 ~ P. 30.24 Paper 2 《6》 P. 36.1 ~ P. 36.56 P. 37.1 ~ P. 37.53 • Worksheets • Experiment worksheets • Quiz • Notes • Google Drive (Learning Materials)

CCC Kwei Wah Shan College
2020/2021 Secondary 6 First Term Examination Syllabus

Date	Subject / Paper	Examination Syllabus	Revision Materials
Nov, 3 (Tue)	Business, Accounting and Financial Studies	<ul style="list-style-type: none"> • “Introduction to Accounting” Chapter 1 ~ 8 • “Financial Accounting 1” Chapter 1 ~ 9 • “Financial Accounting 2” Chapter 10 ~ 16, and Chapter 18 • “Business Environment & Introduction to Management” Chapter 1 ~ 7 • “Basics of Personal Financial Management” Chapter 1 ~ 4 	<ul style="list-style-type: none"> • Textbooks : “Introduction to Accounting” P. 1 ~ P. 212 “Financial Accounting 1” P. 1 ~ P. 336 “Financial Accounting 2” P. 1 ~ 284, P.345 ~ 376 “Business Environment & Introduction to Management” P. 99 ~ P. 201 “Basics of Personal Financial Management” P. 1 ~ P. 126 • Supplementary Notes • Worksheets

CCC Kwei Wah Shan College
2020/2021 Secondary 6 First Term Examination Syllabus

Date	Subject / Paper	Examination Syllabus	Revision Materials
Nov, 4 (Wed)	English Language Paper 3 (Listening & Integrated Skills)	<ul style="list-style-type: none"> • To assess the ability of students to understand and interpret the purpose and meaning of a range of spoken texts, identify the key details of a range of spoken texts, interpret speakers' feelings, views, attitudes and intentions, understand speakers with a range of accents and language varieties and understand the use of a range of language features. 	<ul style="list-style-type: none"> • All worksheets • Notebook
	Chinese Language E 生活學中文 Paper 1 (Integrated Skills)	<ul style="list-style-type: none"> • 閱讀：理解文章 • 聆聽：辨明說話者立場、觀點、語氣、說話技巧 • 寫作：介紹一種香港的美食 	<ul style="list-style-type: none"> • 單元二：個人成長 課本 P.9 ~ 16 作業 P.5 ~ 10 • 單元三：融入社會 課本 P.17 ~ 22 作業 P.11 ~ 12 • 筆記
	Chinese Language D2 大學先修課程 Paper 3 (Reading)	<ul style="list-style-type: none"> • 課文問答 • 閱讀理解 • 詞語中英對譯 • 語文運用 	<ul style="list-style-type: none"> • 《美麗的離島—長洲》工作紙 • 《漫步荷李活道》工作紙 • 語文運用工作紙 • 課堂筆記

CCC Kwei Wah Shan College
2020/2021 Secondary 6 First Term Examination Syllabus

Date	Subject / Paper	Examination Syllabus	Revision Materials
Nov, 5 (Thur)	Chinese Language E 生活學中文 Paper 2 (Speaking)	<ul style="list-style-type: none"> • 朗讀課文詞語及個人短講 	<ul style="list-style-type: none"> • 課文詞語 • 單元二：第一課、第二課
	Chinese Language D2 大學先修課程 Paper 4 (Writing)	<ul style="list-style-type: none"> • 短文 • 記敘文 	<ul style="list-style-type: none"> • 短文 1 ~ 2 • 閱讀工作紙 • 語文運用工作紙 • 長文 1 • 課堂筆記
	Chinese Language D2 大學先修課程 Paper 1 (Listening)	<ul style="list-style-type: none"> • 聆聽說話者語氣 • 辨明說話者立場、觀點 • 理解說話涵義 	<ul style="list-style-type: none"> • 聆聽工作紙 1 ~ 2 • 課堂筆記

CCC Kwei Wah Shan College
2020/2021 Secondary 6 First Term Examination Syllabus

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Nov, 6 (Fri)	English Language Paper 1 (Reading)	<ul style="list-style-type: none"> • To assess the ability of students to understand and interpret the purpose and meaning of a broad range of texts, identify the main theme and key details, identify the contextual meaning of words and phrases, interpret the tone and mood of a write, distinguish and evaluate views, attitudes or arguments, understand the use of a range of language features and interpret, analyze, select and organize ideas and information from various sources. 	<ul style="list-style-type: none"> • All worksheets • All writing materials • Notebook
	English Language Paper 2 (Writing)	<ul style="list-style-type: none"> • To assess the ability of students to write texts for different contexts, audiences and purposes with relevant content and adequate supporting details and write texts using appropriate tone, style and register and the salient features of different genres. 	