



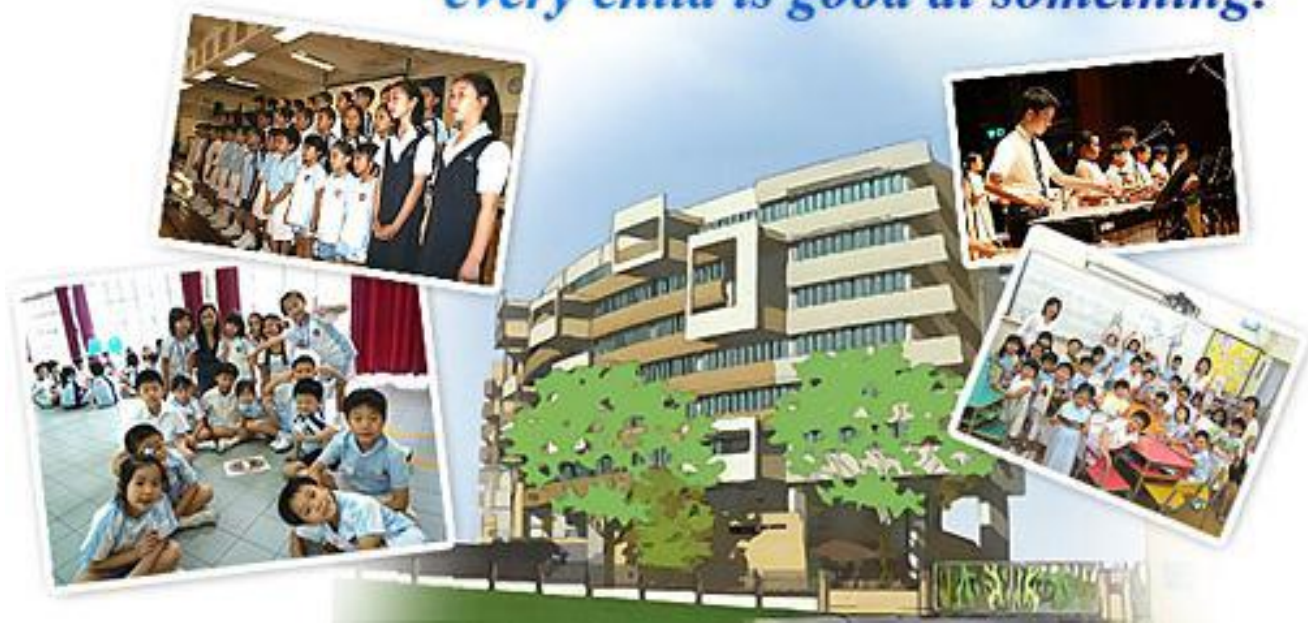
保良局蔡繼有學校
Po Leung Kuk Choi Kai Yau School

IGCSE Prospectus 2026



*A guide to
IGCSE
choices*

*In this school,
every child is good at something.*



CKY is a Cambridge International School where academic excellence, character development and extra-curricular talents are nurtured within a caring community

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FOREWORD

Dear Parents and Students,

While it has always been the aim of the school to provide students with an environment in which they can learn effectively and enthusiastically, we also encourage them to challenge themselves so that they can cope with a suitable amount of pressure and competitiveness.

Our Year 8 students are now approaching the end of their Key Stage 3 education. To prepare for their Key stage 4, students have to embark on a two-year course known as the International General Certificate of Secondary Education (IGCSE), at the end of which they will sit a series of examinations. Throughout the next two years, they also have to complete a number of coursework components. To be successful in this course, they have to work consistently hard throughout.

We adopt Cambridge International as our examination board, which is the largest and the most established IGCSE provider in the world. In addition, the IGCSE is a subject-specific curriculum. This means that students have to choose a number of subjects to study in depth for the next two years. The types and number of subjects offered are based on the rationale that students should follow a fairly wide and balanced curriculum. This philosophy also ties in with the Diploma Programme of the International Baccalaureate, which students will follow after the completion of their IGCSE course.

This booklet serves to outline the subjects offered by the school and provide an overview of the examination requirements. We hope that you will find this booklet informative and, if you have any queries, please contact our subject teachers or the school administrators.

Ms Jenny Chong
Head Principal

Mr Sedat Ozkan
Vice Principal
IGCSE Coordinator

Ms. Beatrice Ng
Deputy IGCSE Coordinator



INTRODUCTION

Each student's IGCSE selection will comprise a number of compulsory subjects, and a range of electives (Optional subjects). There is also an "Extra Option" available in English Literature, however, this will only be offered to students who have shown outstanding ability in the subject and a passion for reading.

Chinese, English, International Mathematics and Global Perspectives will be offered as part of a core programme and are not optional. In addition, pupils must choose a minimum of at least one Science subject and one from the Individuals & Societies category.

Optional Subjects

In addition to English, Chinese, Mathematics and Global Perspectives, which must be taken by all pupils, students must indicate their preferred optional subjects in each block of subject choices. When choosing options students are reminded to observe the following rules:

1. Where possible, students will be entered for the 6 subjects they choose on the reply slip. If a subject proves to be unavailable then the student will automatically be entered for their back-up option.
2. Students must choose **at least one** Science from Biology, Chemistry and Physics.
3. Students must choose **at least one** subject from Business Studies, Economics, Geography and History.
4. For linguistically able students, they may be offered English Literature. Students cannot *choose* to take this option; however, they *should indicate whether they would accept it if it were offered*.
5. Parents and students should note that the final choice of the subjects has to meet with the approval of the school. Where possible, students should achieve at least an M grade in their overall academic achievement in each subject they have chosen. When making the final decision, the school will take into consideration the student's ability and attitude.
6. Subjects may not run if they only attract a small number of students, in which case we will take the students' back-up choice.

Compulsory Subjects:		
	Chinese Global Perspectives	English Mathematics
Optional Subjects:		
<i>At least one from:</i>	Biology Physics	Chemistry
<i>At least one from:</i>	Business Studies Geography	Economics History
	Art Design Art Textiles Design & Technology Food & Nutrition Music	Additional Mathematics Physical Education Drama ICT Computer Science
Extra Option (Teacher Nominated):		
	English Literature	

Changing Subjects

It is normal for students to be unsure about some subjects, particularly those they have not studied before. As such, it is possible to request a change to your subject choices after the form has been submitted. Any request must take the form of a letter outlining the reasons for the proposed change signed by the parent/guardian. This should be handed to the IGCSE Coordinator as soon as possible. However, please bear in mind that some subjects may become full, and changing into a class may not be possible. After the end of September students will no longer be able to change into a subject; however, if a student is really struggling with a subject there will be a chance to drop subjects later in the course.

Examination Fees

The total cost of a student's IGCSE examinations will vary depending on the number of subjects they take and the exchange rate at the time of payment.



IGCSE & IBDP

After completing their IGCSEs students will complete the final stage of their education with CKY; the International Baccalaureate Diploma Program (IBDP). For those wishing to go on to tertiary education in Hong Kong or abroad, it is important they make the right choices for their IBDP.

At IBDP students are asked to take six subjects: three at Higher Level (HL) and three at Standard Level (SL). For progression to IBDP programme, CKY students are expected to attain a minimum of 3Bs and 3Cs in their Cambridge IGCSE examinations with additional requirements stated below:

- i. a minimum of grade B in Cambridge IGCSE for all Higher Level subjects, except Mathematics and Language B;
- ii. a minimum of grade A in Cambridge IGCSE International Mathematics for Higher Level Mathematics;
- iii. a minimum of grade C in Cambridge IGCSE for all Standard Level subjects, except ab initio;
- iv. a minimum of grade C in Cambridge IGCSE First Language for Higher Level of the respective Language B;
- v. Students who do not meet the above course selection requirement will be placed on probation and must register for and pass the above requirements in the immediate November Cambridge IGCSE examinations for the subject(s) concerned. If a student fails to meet the above requirements by the end of Y11, s/he will repeat Year 11 or commence studies for IB certificates instead.
- vi. If a student would like to take a subject that s/he did not study at IGCSE, s/he might be allowed to take it at SL Level, if permission is granted by both the relevant Head of Department and IBDP Coordinators.
- vii. Cambridge IGCSE Additional Mathematics grade can be used to replace the Cambridge IGCSE International Mathematics grade requirement.
- viii. Cambridge IGCSE English Literature grade can be used to replace the First Language English grade requirement.
- ix. Art & Design (Textiles) students may choose Visual Art in IBDP.
- x. The equivalency of other qualifications obtained will be taken into consideration for insert students

Students must choose one subject from each of the following groups, except for Group 6, which may be replaced with an additional course from groups 1 to 4. Students may also choose two languages from group 1 instead of choosing one language from group 1 and one language from group 2. The subjects we expect to offer are below, however, please note that our IB program is constantly growing, and by the time our current Y8 students reach Y11 we hope to be able to offer an even greater range of subjects.

(1) Studies in Language & Literature	English A Literature English A Language & Literature Chinese A Literature Chinese A Language & Literature
(2) Language Acquisition	English B (HL only, application needed) Chinese B (HL only, application needed) Spanish ab initio (SL only) <i>Or another Group 1 language</i>
(3) Individuals and Societies	Business Management Economics Geography History
(4) Experimental Sciences	Biology Chemistry Design Technology Physics
(5) Mathematics	Mathematics: Analysis and Approaches Mathematics: Application and Interpretation
(6) The Arts	Music Theatre Visual Arts <i>Or another Group 1, 2, 3, or 4 subject</i>
Core <i>(taken by all students)</i>	Theory of Knowledge Extended Essay Creativity, Activity and Service (CAS)

For further information on the IBDP please feel free to consult our IB Diploma Coordinators or subject teachers. Detailed information is also available on the IB website (<http://www.ibo.org/>).

FIRST LANGUAGE ENGLISH (0500)

Although English is a compulsory subject at CKY, there are differences in the courses offered, depending on each student's proficiency in English. All students will be entered into Cambridge First Language English IGCSE (syllabus code 0500) and those students who show exceptional data in Y8 will be offered the option to enter English Literature IGCSE (see page 10).

If you would like to know which IGCSE you are likely to be entered for, please consult your English teacher.

Students will take two examination papers:

- Paper 1: Reading
- Paper 2: Writing

Students selected for the English First Language IGCSE are expected to show consistent competency in their use of English in each of the two components.

The syllabus will develop students' ability to communicate accurately, appropriately and effectively in speech and writing. Students will be encouraged to use relevant vocabulary, to employ correct grammar, spelling and punctuation, and to display a sense of style and audience.

In addition, it will complement their other studies by developing general skills such as the ability to analyse, synthesise, make inferences, order facts and present opinions.

Assessment: First Language English is assessed through examination only.

Examination	Length of Exam	Weighting
Paper 1 (Reading)	2 hours	50%
Paper 2 (Writing)	2 hours	50%



ENGLISH LITERATURE (0475)

At CKY English Literature is a non-optional course offered to Year 8 students who achieve highly in both reading and writing in their final English report. The chosen pupils will then have the opportunity to study both English Literature and English First Language simultaneously. Students are free to accept or pass on the opportunity to take part in English Literature, but it is strongly encouraged that students take this chance to work with high attainment pupils and a multitude of texts.

Assessment: The English Literature course culminates in two examinations: one that focuses on prose and poetry studied in class (50%) and one that focuses on a play covered in class and an unseen poem (50%). Students will be provided with the prose elements of the course before the summer holidays but it is important to note that staying familiar with each new text is vital.

<i>Exam</i>	<i>Length of exam</i>	<i>Weighting</i>
Paper 1 (Prose and poetry)	1h 30m	50%
Paper 2 (Drama and Unseen Poetry)	2h	50%

How difficult is it? Although there may be concerns about the workload or the pace with which it is taught, our students rise to the challenge. Almost without exception, students who are chosen for the English Literature class score an A or A* for their English Literature grade and at least a B grade for their English First Language, with the vast majority scoring an A or above. More importantly, Literature students are consistently more prepared for the challenge of English A at IB Level, whereas those who elect to only take First Language face a longer period of time to adapt.

Ways to prepare: As previously stated, the set text will be made available to all students before the summer and they are encouraged to read it before their course gets under way. In addition, the overall ability to comprehend a wide variety of literature is made far easier if students have a habit of reading for pleasure during their time away from class. There are thousands of novels available inside the library as well as their form room that will no doubt capture their interest and help enhance their vocabulary and reading level.

If you have been selected but are not sure about whether you should take the Literature course, find someone from the English Department and we will do our best to answer your questions.

“If you love reading you will love Literature!”

FIRST LANGUAGE CHINESE (0509)

Aims: The Cambridge First Language Chinese IGCSE Syllabus (0509) is designed for candidates whose mother tongue is Chinese. Cambridge IGCSE First Language qualifications are accepted by universities and employers as proof of knowledge and understanding of a language.

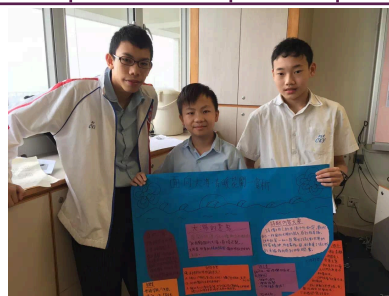
The aims are to enable students to:

- read a wide range of texts, fluently and with good understanding, enjoying and appreciating a variety of language
- read critically and use knowledge gained from wide reading to inform and improve their own writing
- write accurately and effectively using appropriate standard language
- work with information and ideas in Chinese by developing skills of critical evaluation, analysis, synthesis and inference
- acquire and apply a wide vocabulary, alongside a knowledge and understanding of grammatical terminology and linguistic conventions
- deepen understanding and appreciation of Chinese culture and classical texts.

Students are also encouraged to read widely, both for their own enjoyment and to further their awareness of the ways in which the language can be used. Cambridge IGCSE First Language qualifications also develop more general analysis and communication skills such as synthesis, inference, and the ability to order facts and present opinions effectively.

Assessment: The course comprises two papers. All candidates take Papers 1 and 2 and are eligible for the award of grades A* to G.

<i>Paper</i>	<i>Duration</i>	<i>Marks</i>	<i>Weighting</i>
<i>Paper 1: Reading</i> Candidates answer all the questions in three compulsory sections. Section 1 – Comprehension and Use of Language (23 marks) Section 2 – Directed Writing (25 marks) Section 3 – Classical Chinese (12 marks)	2 hours 15 minutes	60	50%
<i>Paper 2: Writing</i> Candidates answer two questions, one from each section. Section 1 – Argumentative/Discursive Writing (25 marks) Section 2 – Descriptive/Narrative Writing (25 marks) Candidates are advised to write about 400-600 characters.	2 hours	50	50%



INTERNATIONAL MATHEMATICS (0607)

At CKY, we follow the Cambridge IGCSE International Mathematics Syllabus (0607). Students will learn different knowledge and understanding of mathematical techniques. In particular, this course will focus more on requiring students to use an investigative approach or mathematical model to explore and interpret a situation or problem, which better utilises the powerful technology of graphical calculators. The course integrates well with the approach to teaching and learning of mathematics in IB schools.

Assessment: The majority of CKY candidates will take *Extended* Curriculum (Paper 2, 4 and 6), which is eligible for the award of grades A* to E, however a *Core* Curriculum (Papers 1, 3 and 5) is available in which a reduced curriculum is covered in the exams. If the class teacher believes a student would benefit from completing the Core Curriculum the student and their parents will be informed as soon as possible.

Paper 2	Paper 4	Paper 6
<ul style="list-style-type: none"> Use of a calculator is not allowed Students answer all questions Structured and unstructured questions Consists of questions based on the Extended subject content A list of formulas is provided on the examination paper 	<ul style="list-style-type: none"> A graphic display calculator* is required Students answer all questions Structured and unstructured questions Consists of questions based on the Extended subject content Some of the questions will assess the use of the graphic display calculator functions A list of formulas is provided on the examination paper 	<ul style="list-style-type: none"> A graphic display calculator is required Students answer all questions One investigation section and one modelling section Students are assessed on their ability to investigate, model and solve more open-ended problems Students are expected to show clear communication and full reasoning
1 hour 30 minutes	1 hour 30 minutes	1 hour 30 minutes
75 marks	75 marks	50 marks
40%	40%	20%

*We recommend students to purchase GDC model number Casio FX-9860GIII.

Content: The topics included in International Mathematics are: Number, Algebra, Functions, Coordinate geometry, Geometry, Mensuration, Trigonometry, Transformations and vectors, Probability and Statistics

Students can also choose to study option subject “IGCSE Additional Mathematics (0606)” if they want to further develop their mathematical knowledge and appreciation!



GLOBAL PERSPECTIVES (0457)

The Global Perspectives course aims to enable students to develop an analytical and evaluative grasp of global issues and their causes by considering the consequences from different perspectives and the possible courses of actions. Students will be encouraged to enquire and reflect on issues in our interconnected world from a personal, national and international perspective in order to critically assess the information available to them in their ever-changing world.

As the IGCSE Global Perspectives course paves a solid foundation for IB Diploma programme students in their study of Theory of Knowledge, this course will be a core subject at CKY. This means that all students will study this course across the two years.

Assessment:

The assessment components for the course are as follows:

Component	Component 1	Component 2	Component 3
Nature of Assessment	Written Examination Students answer four compulsory questions based on source material to test their evaluation of claims, arguments and evidence from different perspectives on global issues.	Individual Report Students carry out research on a global question to explore the causes and impact on a local, national and global scale.	Team Project Students collaborate with their peers to explore a topic within a cultural context and investigate the different perspectives.
Assessed Format	Externally Assessed	Internally Set; Externally Assessed	Internally Assessed; Externally Moderated
Duration	1 hour 15 minutes	Across the academic year	Across the academic year
Marks Allotted	70 marks	60 marks	70 marks
Weighting	35%	30%	35%

Content:

- Arts in society
- Climate change, energy and resources
- Development, trade and aid
- Education for all
- Environment, pollution and conservation
- Health and wellbeing
- Media and communication
- Political power and action
- Social identity and inclusion
- Technology, industry and innovation
- Values and beliefs
- Change in culture and communities
- Conflict and peace
- Digital world
- Employment
- Globalisation
- Law and criminality
- Migration and urbanisation
- Poverty and inequality
- Sport and recreation
- Transport, travel and tourism
- Water, food and agriculture

The topic list is for all components. The topics in the list are intentionally broad. Students are not expected to have experience of each topic.

ADDITIONAL MATHEMATICS (0606)

“A-Maths” is offered as an optional subject at CKY, as it is recommended for those pupils who intend to take Higher Level Mathematics at IBDP.

Aims:

Cambridge IGCSE Additional Mathematics (0606) is accepted by universities and employers as proof of essential mathematical knowledge and ability. Successful IGCSE Additional Mathematics candidates gain lifelong skills, including:

- the further development of mathematical concepts and principles
- the extension of mathematical skills and their use in more advanced techniques
- an ability to solve problems, present solutions logically and interpret results
- a solid foundation for further study.

Content:

The topics included in Additional Mathematics are:

1. Functions
2. Quadratic functions
3. Factors of polynomials
4. Equations, inequalities and graphs
5. Simultaneous equations
6. Logarithmic and exponential functions
7. Straight-line graphs
8. Coordinate geometry of a circle
9. Circular measure
10. Trigonometry
11. Permutations and combinations
12. Series
13. Vectors in two dimensions
14. Calculus



Assessment:

All CKY Additional Mathematics candidates will take Papers 1 and 2, which is eligible for the award of grades A* to E.

Paper 1	Paper 2
<ul style="list-style-type: none">• Use of a calculator is not allowed• Students answer all questions• Structured and unstructured questions• Consists of questions based on any part of the content• Must show all necessary working• A list of formulas is provided on the examination paper	<ul style="list-style-type: none">• A scientific calculator is required• Students answer all questions• Structured and unstructured questions• Consists of questions based on any part of the content• Must show all necessary working• A list of formulas is provided on the examination paper
2 hours	2 hours
80 marks	80 marks
50%	50%

BIOLOGY (0610)

Content: At CKY we offer our students a choice of Science curricula from Biology (0610), Chemistry (0620) and Physics (0625).

Science has long been viewed as an integral part of the curriculum in education, so every student must take at least one Science subject at IGCSE. In addition, they will be able to select from any combination of two of the three subjects, or all three. For pupils that are not sure which Science they prefer, we would encourage them to take all three.

Those students considering continuing their study of Biology at IB Diploma level are strongly recommended to take IGCSE Biology and Chemistry to ensure that they have sufficient background knowledge for the advanced study of Molecular Biology.

Cambridge IGCSE Biology is accepted by universities and employers as proof of real ability and knowledge. As well as a subject focus, the biology syllabus enables students to:

- better understand the technological world, with an informed interest in scientific matters
- recognise the usefulness (and limitations) of scientific method, and how to apply this to other disciplines and in everyday life
- develop relevant attitudes, such as a concern for accuracy and precision, objectivity, integrity, enquiry, initiative and inventiveness
- further interest in, and care for, the environment
- better understand the influence and limitations placed on scientific study by society, economy, technology, ethics, the community and the environment
- develop an understanding of the scientific skills essential for further study at IBDP

Assessment: All candidates must enter for three papers. The majority of CKY candidates will take Papers 2 & 4 (the Extended Curriculum) plus Paper 6 (Alternative to Practical), which is eligible for the award of grades A* to G. However a Core Curriculum (Papers 1, 3 & 6) is available in which reduced content is tested in the Paper 1 and 3 exams, with only grades C to G available. If the class teacher believes a student would benefit from completing the Core Curriculum the student and their parents will be informed as soon as possible.

<i>All candidates take either:</i>		
<i>Core Curriculum</i>	<i>or</i>	<i>Extended Curriculum</i>
Paper 1 45 minutes Multiple choice question paper Weighted at 30% of total available mark		Paper 2 45 minutes Multiple choice question paper Weighted at 30% of total available mark
Paper 3 1 hour 15 minutes Core theory paper Weighted at 50% of total available marks		Paper 4 1 hour 15 minutes Extended theory paper Weighted at 50% of total available marks
<i>and</i>		
Paper 6 Alternative to Practical Weighted at 20% of total available marks		1 hour

CHEMISTRY (0620)

Content: Cambridge IGCSE Chemistry is accepted by universities and employers as proof of essential chemistry knowledge and ability. As well as a subject focus, the chemistry syllabus enables students to:

- Better understand the technological world in which they live, and take an informed interest in science and scientific developments
- Learn about the basic principles of Chemistry through a mix of theoretical and practical studies
- Develop an understanding of the scientific skills essential for further study at IBDP, skills which are useful in everyday life
- Learn how science is studied and practised, and become aware that the results of scientific research can have both good and bad effects on individuals, communities and the environment.

Assessment: All candidates must enter for three papers. The majority of CKY candidates will take Paper 2 and 4 (the Extended Curriculum), which is eligible for the award of grades A* to G, however a Core Curriculum (Paper 1 and 3) is available in which a reduced curriculum is covered in the exams with only grades C to G available. If the class teacher believes a student would benefit from completing the Core Curriculum the student and their parents will be informed as soon as possible.

All candidates take either:		
Core Curriculum	or	Extended Curriculum
Paper 1 45 minutes Multiple choice question paper Weighted at 30% of total available mark		Paper 2 45 minutes Multiple choice question paper Weighted at 30% of total available mark
Paper 3 1 hour 15 minutes Core theory paper Weighted at 50% of total available marks		Paper 4 1 hour 15 minutes Extended theory paper Weighted at 50% of total available marks
and		
Paper 6 1 hour Alternative to Practical Weighted at 20% of total available marks		



PHYSICS (0625)

Content: Cambridge IGCSE Physics is accepted by universities and employers as proof of knowledge and understanding of physics. Successful candidates gain lifelong skills, including:

- confidence in a technological world, with an informed interest in scientific matters
- an understanding of how scientific theories and methods have developed, and continue to develop, as a result of groups and individuals working together
- an understanding that the study and practice of science are affected and limited by social, economic, technological, ethical and cultural factors
- an awareness that the application of science in everyday life may be both helpful and harmful to the individual, the community and the environment
- knowledge that science overcomes national boundaries and that the language of science, used correctly and thoroughly, is universal
- an understanding of the usefulness (and limitations) of scientific method, and its application in other subjects and in everyday life
- a concern for accuracy and precision
- an understanding of the importance of safe practice
- improved awareness of the importance of objectivity, integrity, enquiry, initiative and inventiveness
- an interest in, and care for, the environment

Assessment: All candidates must enter for three papers. The majority of CKY candidates will take Paper 2 and 4 (the Extended Curriculum), which is eligible for the award of grades A* to G, however a Core Curriculum (Paper 1 and 3) is available in which a reduced curriculum is covered in the exams with only grades C to G available. If the class teacher believes a student would benefit from completing the Core Curriculum the student and their parents will be informed as soon as possible.

<i>All candidates take either:</i>		
<i>Core Curriculum</i>	<i>or</i>	<i>Extended Curriculum</i>
Paper 1 45 minutes Multiple choice question paper Weighted at 30% of total available mark		Paper 2 45 minutes Multiple choice question paper Weighted at 30% of total available mark
Paper 3 1 hour 15 minutes Core theory paper Weighted at 50% of total available marks		Paper 4 1 hour 15 minutes Extended theory paper Weighted at 50% of total available marks
<i>and</i>		
Paper 6 1 hour Alternative to Practical Weighted at 20% of total available marks		

BUSINESS STUDIES (0450)

Aims:

The Cambridge IGCSE in Business Studies (0450) develops students' understanding of a range of business organisations and functions as well as the wider environment in which firms operate. Students will learn how to use concepts and tools that enable them to analyse business problems, evaluate and recommend solutions. The course aims to develop students' practical skills in areas such as communication, presentations and team working, in addition to igniting their entrepreneurial spark.

Content:

IGCSE Business Studies is accepted by universities and employers as proof of an understanding of business concepts and techniques across a range of different types of businesses. Successful IGCSE Business Studies students gain lifelong skills and knowledge, including:

- Understanding different forms of business organisations, the environments in which businesses operate and business functions such as marketing, operations and finance
- An appreciation of the critical role of people in business success
- Confidence to calculate and interpret business data
- Communication skills including the need to support arguments with reasons
- Ability to analyse business situations and reach decisions or judgements.

Educational visits:

Business students will have regular opportunities to undertake field trips to organisations, which enable them to apply their learning to real-world companies and settings. Learning outside the school environment will extend students' awareness of the world of work and their understanding of how firms operate in practice.



View from HSBC's Asia Headquarters

Assessment:

Candidates will take 2 exam papers (each worth 50% of total marks).

<i>Paper</i>	<i>Weighting</i>
Paper 1 (1 hour 30 minutes) Short-answer questions and structured/data response questions.	50%
Paper 2 (1 hour 30 minutes) Questions arising from a given case-study (not pre-released).	50%

Progression:

The course provides students with an ideal foundation for further learning, preparing students for business education courses at IB Diploma level, as well as gainful future employment.



DESIGN & TECHNOLOGY (D.T.) (0445)

For most pupils the Cambridge IGCSE in Design & Technology (0445) provides a safe, exciting and challenging environment to apply knowledge and skills often different from their other subjects. D.T. has academic content and requires considerable time commitment. Computer Aided Design (CAD) and Computer Aided Manufacturing (CAM) are key elements of the course.

Following from Y8, the subject further develops creativity, practical skills, independence and specialist language usage, in a multi-discipline problem-solving environment, within a broad curriculum. The subject is not gender biased, so is equally suitable for girls and boys.



Unfortunately, this year we have to restrict the number of classes to two, with 20 pupils in each.

Background: D.T. is not as familiar to many parents as some subjects. Others may have an out-dated perception based on their experiences of woodwork, metalwork, engineering drawing and home economics. D.T. is not a vocational subject and is certainly not an easy option.

Content: The full content of the course can be accessed at www.cambridgeinternational.org together with all other relevant information, including past papers. Through the subject content pupils experience:

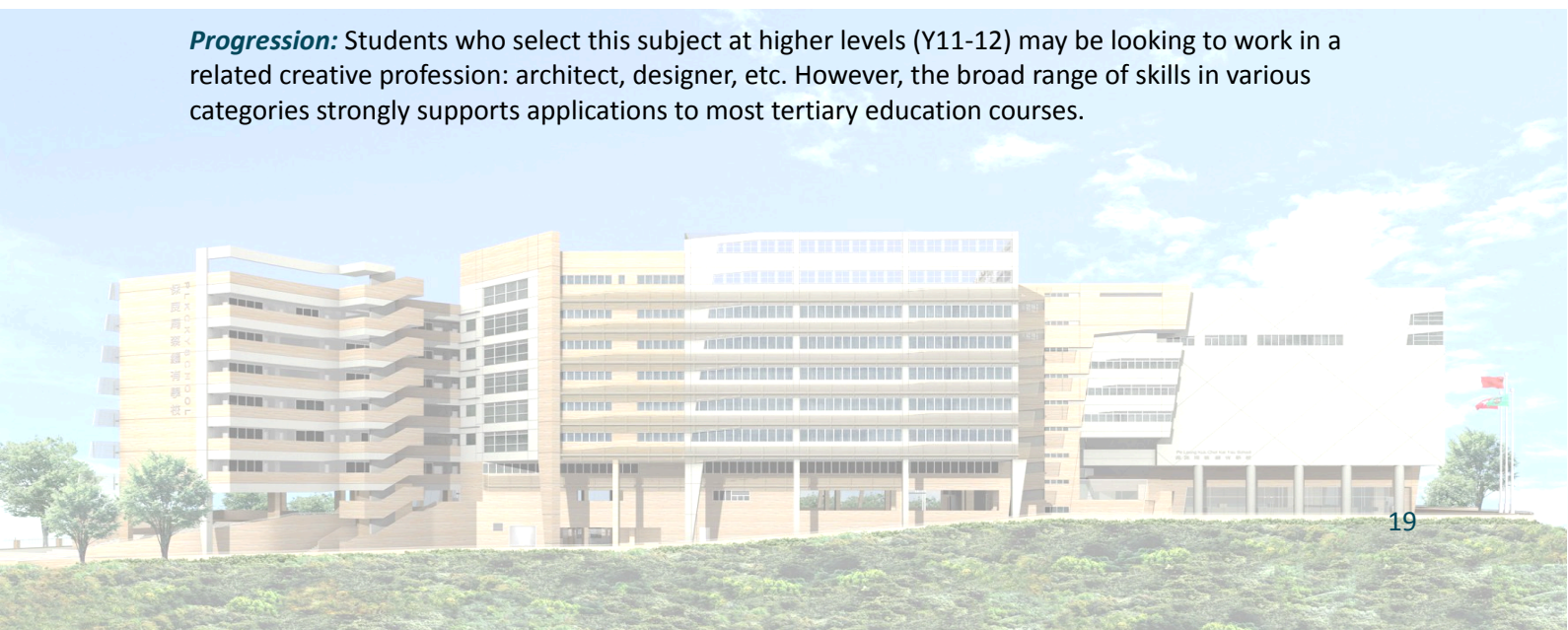
- Knowledge with Understanding
- Problem Solving
- Communication, and
- Realisation

These are also the Assessment Objectives.

Assessment: Candidates sit two examinations and submit a school-assessed project.

<i>Paper</i>	<i>Style of Paper</i>	<i>Duration</i>	<i>Weighting</i>	<i>Marks</i>
1 Design	Design drawing	75 minutes	25%	50
3 Resistant Materials	Written	60 minutes	25%	50
5 School Assessed Project	Design and Manufacture	2 terms	50%	100

Progression: Students who select this subject at higher levels (Y11-12) may be looking to work in a related creative profession: architect, designer, etc. However, the broad range of skills in various categories strongly supports applications to most tertiary education courses.



DRAMA (0411)

Content: The Cambridge Drama IGCSE (0411) seeks to provide students with in-depth subject knowledge enabling them to both create and respond to meaningful theatre. In order to become an effective actor or director, students will learn about technical theatre as well as performance and communication skills. Drama students work closely together in groups with a common goal and deadline in mind, and thus learn valuable social skills, which translate well into all career areas.

Aims: The aims of the Cambridge IGCSE in Drama (0411) are to:

- Develop candidates' understanding of Drama through practical and theoretical study.
- Enable candidates to realise the performance possibilities of text and other stimuli.
- Encourage the use of dramatic forms and structures to communicate feelings and ideas to an audience.
- Help candidates acquire and develop skills in Drama, both individually and in groups.
- Develop understanding of the processes leading to performance and the elements involved in creating a performance; to be able to evaluate the various stages of performance work.
- Encourage enjoyment of drama.

Assessment: All candidates take Component 1 (Written Examination) and Component 2 (Coursework) and are eligible for the award of grades A* to G.

Component 1 is graded externally and component 2 internally.

Component 1 Written examination 2 hours 30 minutes	Component 2 Coursework
Candidates answer questions relating to a pre-released text and on a devised piece that candidates have developed and performed to an audience throughout the course.	One individual performance (max 3 mins): A performance of an extract from a piece of repertoire. Students are graded on the understanding of repertoire and their acting skills.
Section A (30 marks) Up to 8 short-answer questions and two extended response questions on the pre-release material.	One group performance of an extract from a published play. (max 20 minutes) Students are graded on the understanding of repertoire and their acting skills.
Section B (25 marks) Based on a different extract from the pre-release material One compulsory question (10 marks) One question from a choice of two (15 marks)	One original group devised piece based on a stimulus given by the teacher. (max 20 min) Students are graded on their devising techniques and their acting skills.
Section C (25 marks) Two extended-response questions based on a devised piece developed and performed to an audience during the 2 years course. Candidates answer both questions	
Weighting: 40% (80 marks)	Weighting 60% (120 marks)



ECONOMICS (0455)

Aims:

IGCSE Economics is regarded by universities and employers as evidence of knowledge and understanding of economics. Economics aims to develop students' knowledge and a range of quantitative and analytical skills, including:

- An understanding of economic theory, terminology and principles
- The ability to apply the tools of economic analysis
- The ability to distinguish between facts and value judgements in economic issues
- An understanding of, and an ability to use, basic economic numeracy and literacy
- The ability to take a greater part in decision-making processes in everyday life
- An understanding of the economies of developed and developing nations.

Content:

IGCSE Economics develops students' ability to: show knowledge and understanding of economics; analyse economic data in various forms; and critically evaluate information and draw conclusions. Students will follow units covering subject content which includes:

- Basic economic problem: choice and the allocation of resources
- The allocation of resources: how the market works and market failure
- The individual as producer, consumer and borrower
- The private firm as producer and employer
- Role of government in an economy
- Economic indicators
- Developed and developing economies: trends in production, population and living standards
- International aspects of economics.



Students learn about trading while visiting HK Exchanges and Clearing

Educational visits:

Students of Economics will have regular opportunities to visit a variety of organisations; these visits will often be run jointly with IGCSE Business Studies. Learning outside the school environment will enable students to understand how economic concepts are used and applied in real-world situations.

Assessment:

Paper 1 Multiple choice	1 hour
Candidates answer 40 multiple choice questions. Weighted at 30% of total available marks.	
Paper 2 Structured questions	2 hours
Candidates answer one compulsory question, which requires them to interpret and analyse previously unseen data relevant to a real economic situation, and three optional questions from a choice of four. Weighted at 70% of total available marks	

Progression:

The course provides students with an excellent foundation for advanced studies in Economics. Students get to acquire sophisticated thought processing skills to understand the causes and effects of different economic decisions and consequences to diverse stakeholders in different scales which will be useful should they further their studies of social science.

FOOD & NUTRITION (0648)

Background: The Cambridge IGCSE Food and Nutrition (0648) syllabus develops students' knowledge and understanding in food science and nutrition science. Students gain knowledge, understanding and skills in both theory and practical through investigations, group discussions, field trips and lectures. Students can apply the knowledge to their daily lives to build a healthy lifestyle and gain lifelong skills. The subject enables students to develop high order thinking, solve multiple problems, creativity, good time management and organisation skills.

Content:

The IGCSE Food and Nutrition syllabus focuses on:

- An understanding of nutrition and of health problems related to diet
- An understanding of how socio-economic factors affect diet
- An awareness of how eating patterns and dietary needs depend on age and social group
- An awareness of how the position of the consumer differs in developed and less-developed economies
- The ability to assess the effectiveness and validity of claims made by advertisers
- Aesthetic and social sensitivity and enjoyment of food
- Skills necessary for food preparation and food preservation



Assessment: All candidates must attend all papers.

Paper	Weighting
Paper 1 Theory (2 hours) Candidates answer short-answer questions, structured questions and open-ended essay questions for a total of 100 marks.	50%
Paper 2 Practical (4 hours) <u>Planning session</u> (1 hour 30 minutes) – Candidates complete a planning paper one week before the practical assessment. Candidates are given an allocated test question and plan the dishes to meet the needs of the target market from the question. <u>Practical assessment</u> (2 hour 30 minutes) – Candidates prepare and make the planned dishes individually. The practical process, texture, flavour and appearance of products are assessed.	50%

GEOGRAPHY (0460)

Content: The Cambridge Geography IGCSE (0460) course aims to develop students' understanding, geographical skills and attitudes towards global problems, with an emphasis on engaging students by making topics relevant and interesting. The syllabus is divided into ten topics which have been designed to develop an understanding of both the natural and human environment:

- Changing river environments
- Changing coastal environments
- Changing ecosystems
- Tectonic hazards
- Climate change
- Changing populations
- Changing towns and cities
- Development
- Changing economies
- Resource provision.



Geography helps you to be more aware, to be more understanding of the problems of people who live around you, in Hong Kong and across the world. When you see newspaper or TV reports about new shopping centres and factories, unemployment, arguments about new developments or increasing landfill size, exciting changes or disasters from Asia or Africa, your Geography course will help you make sense of what is going on.

Assessment: All candidates must enter for two exam papers and complete a coursework component.

<i>Component</i>	<i>Weighting</i>
Paper 1 (1 hour 45 minutes) Physical Geography. This paper contains two sections and candidates answer three questions in total. Paper 1 assesses content from topics 1–5.	36%
Paper 2 (1 hour 45 minutes) Human Geography. This paper contains two sections and candidates answer three questions in total. Paper 2 assesses content from topics 6–10.	36%
Coursework (School-based assessment). Candidates submit one coursework assignment, set by teachers, of 1800–2200 words.	28%

Progression: Students may go on to study Geography at a higher level. In addition to specific future job opportunities (Volcanologist anyone?), Geography will provide students with a broad range of skills that will enable them to work effectively in a variety of future careers.

HISTORY (0470)

Aims:

The aims of Cambridge History IGCSE (0470) are multi-faceted; these include:

- Stimulating interest and enthusiasm about the past.
- Promoting the acquisition of knowledge and understanding of human activity.
- Developing the ability to evaluate pieces of information and evidence.
- Developing an understanding of key concepts like cause and consequence, continuity and change and similarities and differences.
- Encouraging international understanding.
- Encouraging the development of advanced linguistic and communication skills.
- Developing the ability to debate and form arguments with support



Assessment:

The IGCSE consists of three exam papers on a variety of 20th Century topics. These include charting the causes of World War 2 from its very early beginnings of the Treaty of Versailles, through to the development of the Cold War and its impact on the world – through specific incidents like the Cuban Missile Crisis and the Vietnam War, through to the collapse of the Soviet Union in 1991. We will also study an in-depth core unit on Germany between the Weimar Republic and Hitler's Germany, allowing the students to gain knowledge about Germany between 1919 to 1945.

Instead of a coursework component, students are now prepared for a third exam paper (Paper 4). This paper also examines the content taught for the Depth Study unit on Germany, which would enable our students to potentially maximise their performance. However, the History department will continue to foster research skills and encourage students to undertake independent study throughout their course. This approach encourages students to focus on developing their interpretation and writing skills. The aim is to provide an ideal preparation for the skills required at IBDP, and for future studies at university.

The study of History provides students with valuable skills in terms of presenting arguments based on evidence, developing knowledge about modern events based on their historical background. History is invaluable for the pursuit of a myriad of professions including Law, Journalism, Management, and Banking.

Assessment: All candidates must enter for three exam papers.

Paper	Weighting
Paper 1 (2 hours) Candidates answer three sets of questions - 2 sets from Section A (Core Content) and 1 set from Section B (Depth Study). (20 marks for each set)	40%
Paper 2 (1 hour 45 minutes) Candidates must answer all the questions. The paper will be mainly skills-based and will test a candidate's ability to analyse various sources.	30%
Paper 4 (1 hour) Candidates will answer one question on the Depth Study topic and the question will be split into 2 parts.	30%

I.C.T. (0417)



The Cambridge IGCSE Information and Communication Technology (0417) syllabus encourages students to develop lifelong skills.

The aims of the Cambridge International ICT syllabus are wide ranging, which include:

- an understanding of the basic components, use and application of different ICT systems and networks
- the skills to analyse, design, implement, test and evaluate ICT systems
- the skills to understand the impact of current and new technologies on methods of working in the outside world
- the ability to recognise potential risks when using ICT, and use safe, secure and responsible practice.

From Year 6 – 8, students at CKY will have had exposure to units of work in both ICT and Computer Science. If you would like to know which IGCSE is better suited to you, please consult Mr. Warwick Wu.

By the end of this course, we expect students will have attained a working knowledge of document production, databases, presentations, spreadsheets and website authoring.

The practical skills contained in the ICT syllabus are directly transferable to the study of other subjects. At CKY, we encourage pupils to apply their ICT skills to a range of contexts and during their IB studies.

Assessment: The Cambridge International ICT course is externally assessed through one theory-based exam and two practical tests.

Paper	Weighting
Paper 1 (1 hour 30 minutes) Written paper testing theory within sections 1–21 of the curriculum content. All questions compulsory: mostly multiple choice or short answer questions, but also some requiring longer responses.	80 marks 40%
Paper 2 (2 hours 15 mins) Practical test assessing knowledge, skills and understanding of sections 11–19 of the curriculum content.	70 marks 30%
Paper 3 (2 hours 15 mins) Practical test assessing knowledge, skills and understanding of sections 11–16, 20 & 21 of the curriculum content.	70 marks 30%

Music (0410)

Aims: The aims of the Cambridge Music IGCSE (0410) are to:

- develop their musical skills through listening, performing and composing.
- study music from a diverse range of world cultures and from historical periods to the present day
- have the flexibility to perform and compose in their chosen style.
- Provide a foundation for the development of an informed appreciation of music
- Provide a foundation for further study in music at a higher level

With a good pass candidates are well prepared to follow courses leading to IB or A Level Music.

Assessment: The examination rewards candidates for positive achievement in the following areas:

A. Listening

- Aural awareness, perception and discrimination in relation to traditional Western music.
- Identifying and commenting on a range of music from cultures in different countries.

B. Performing

- Technical competence on one or more instruments.
- Interpretative understanding of the music performed.

C. Composing

- Discrimination and imagination in free composition.
- Notation, using staff notation and, if appropriate, other suitable systems.

<i>Components and titles</i>	<i>Type</i>	<i>Weighting</i>
A – Listening (Externally Assessed) Questions test understanding and perception of music from a wide range of styles and traditions	Exam (1h15m)	40%
B – Performing (total of no more than 10 minutes) Component 2 Individual – One piece or two short contrasting pieces & Ensemble – One piece or two short contrasting pieces	Coursework Assessment	30%
C – Composing Component 3 2 contrasting compositions with 1 that notation must be used	Coursework Assessment	30%



PHYSICAL EDUCATION (P.E.) (0413)

Why take IGCSE PE?

Cambridge IGCSE Physical Education is recognized by universities and employers as evidence of candidates possessing knowledge, skills, and comprehension across various physical activities. This comprehensive understanding is cultivated through a blend of practical and theoretical study. Successful students acquire enduring skills, such as:

- develop their knowledge and understanding of the theory underpinning physical performance in a modern world
- use and apply this knowledge and understanding to improve their performance
- perform in a range of physical activities, developing skills and techniques, and selecting and using tactics, strategies and/or compositional ideas
- understand and appreciate safe practice in physical activity and sport
- understand and appreciate the benefit of physical activity and sport for health, fitness and well-being
- gain a sound basis for further study in the field of Physical Education

*It is **strongly recommended** that students who wish to take IGCSE PE be part of a **sports team** and **be willing to participate in the swimming curriculum**, although this is not essential.*

Assessment: To pass Cambridge IGCSE Physical Education, candidates are assessed under the following objectives:

AO1: Demonstrate knowledge and understanding of the theoretical principles that underpin performance in physical activity/sports

AO2: Apply knowledge and understanding of the theoretical principles to a variety of physical activities/sports, including the analysis and evaluation of performance

AO3: Demonstrate the ability to select and perform appropriate skills to produce effective performance in practical activities

Paper 1	Component 2
Theory 1 hour 45 minutes	Coursework (centre-based assessed/externally moderated)
Candidates are required to demonstrate skills of description, interpretation and evaluation related to the syllabus content. The questions are a mix of short and structured questions.	Candidates undertake four practical physical activities from at least two different categories listed.
50% of total marks	50% of total marks



ART & DESIGN (0400)

Content: Students studying for a Cambridge IGCSE in Art & Design (0400) will learn to use **painting, drawing and photography** to express themselves, with some **textiles, sculpture, printmaking and digital media**. We run a range of trips to interesting parts of Hong Kong and also visit exciting art galleries to inspire pupils in their own artwork.

Students who put in the time make fast progress in their technical skill, so those concerned about their current ability should not worry too much. More important is a strong work ethic and a commitment to spend at least 2 hours per week on their artwork outside of class.



Art & Design is not an 'easy' subject, but those with a positive attitude can always do well, and it is extremely rewarding. Students learn to explore, analyse and create their own artwork and to work independently. They learn to keep an art journal that shows their developing ideas.

Equipment: Students are generously supplied with materials in well-equipped and modern art studios. However, all students should have a selection of art equipment such as pencils, brushes, acrylic paints, oil pastels, coloured pencils etc. to help them complete their homework to a high standard. They should also have access to the Internet and a printer at home for research purposes.

Assessment: IGCSE is assessed through coursework (50%) and a final exam (50%). Work is assessed both in school and externally.

Component	Weighting
Observational/Interpretive Assignment Exam: An 8 hour practical assignment creating an examination piece plus supporting studies	50%
Coursework Assignment One final outcome plus supporting material	50%

Progression: Students who have taken IGCSE Art may go on to study Art at the IB and tertiary level. The IGCSE is an excellent foundation for students wishing to eventually progress into the following career routes: product design, digital media, advertising, fashion, textiles, illustration, interior design, graphics, architecture, photography, and fine art, just to name a few! Art IGCSE is well-looked upon by universities and colleges as a subject that builds independent study skills, personal development and creative thinking.



ART & DESIGN TEXTILES (0400)

Qualifications gained in this course will be the same as that of *IGCSE Art and Design (0400)*, however the focus is more specific and students will work on developing textile-specific skills. The lessons will take place in a textiles studio with students able to use a vast array of resources/equipment to support them in building knowledge and skill successfully.

Students should not be concerned about their current capabilities, as the course will begin with skill-based lessons to ensure students have the necessary abilities to develop and succeed. Students with a positive attitude will always do well.

Content: Pupils learn to explore, analyse, and create their own artwork and work independently on individual ideas. Students will experience some of the following disciplines:

Printed and/or Dyed Fabric: Students will become aware of a variety of printing techniques using a range of media in execution. These include Image transfer through Heat Pressing, Batik, Tie Dye, Block printing, mono printing, screen printing, stencil printing.

Constructed: Students will learn to manipulate fabric through techniques such as Cutting, Appliqué, Smocking, Embroidery, Weaving, and Hand and Machine stitching. Along with traditional fabrics students may also wish to experiment with a variety of mediums including smart materials, plastic, wires and paper to develop such outcomes and push boundaries.

Fashion: Students will learn to construct fabrics into fashion outcomes gaining knowledge of fashion and its inclusion within textiles. Students will be encouraged to include techniques from both constructed and printing/dyeing techniques to create outcomes that are both interesting but also push the students in their creative abilities and skill with precision.



An example of recent Y9 work

Assessment: Art & Design: Textiles is assessed through a portfolio selection of their best work (50%) and a final exam (50%). Work is assessed both in school and externally.

Component	Weighting
Design Assignment Exam: An 8 hour practical assignment creating an examination piece plus supporting studies	50%
Coursework Assignment One final outcome plus supporting material	50%

Progression: Students may go onto study art at higher level. It is an excellent foundation for students wishing to go on and eventually progress into one of the following career routes: Fashion (Design, Marketing, Buying, Communication, Fashion Journalism, and Styling), Textiles, Interior Design, and Illustration to name just a few. Art IGCSE is well looked upon by universities and colleges as a subject that builds independent study skills and personal development.

COMPUTER SCIENCE (0478)

The aims of the Computer Science syllabus are to develop:

1. computational thinking skills
2. an understanding of the main principles of solving problems using computers
3. the skills necessary to solve computer-based problems using a high-level programming language
4. an understanding of the component parts of computer systems and how they interrelate
5. an understanding of the internet as a means of communication and its associated risks
6. an understanding of the development and use of automated and emerging technologies.

From Year 6 – 8, students at CKY will have had exposure to units of work in both ICT and Computer Science. If you would like to know which IGCSE is better suited to you, please consult Mr. Warwick Wu.

No previous knowledge of coding is expected for entry onto the course; however it may be an advantage for Section 2 of this course. Python is currently the chosen programming language for this course.

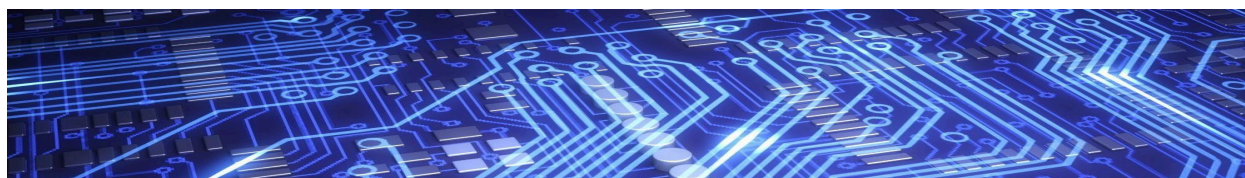
Content:

Section 1: Theory of computer science	Section 2: Algorithms, Programming & Logic
1.1 Data representation	2.1 Algorithm design and problem-solving
1.2 Data transmission	2.2 Programming
1.3 Hardware	2.3 Databases
1.4 Software	2.4 Boolean logic
1.5 The Internet and its uses	
1.6 Automated and emerging technologies	

Assessment:

The Computer Science course is assessed via two written exams taken at the end of the 2 years course.

<i>Paper</i>	<i>Weighting</i>
Paper 1 Theory of computer science (1 hour 45 minutes)	75 Marks (50%)
Paper 2 Algorithms, Programming & Logic (1 hour 45 minutes)	75 Marks (50%)



FREQUENTLY ASKED QUESTIONS

How many optional subjects should I take?

Every student is different and there is no guideline number set by Cambridge International. Our timetable currently permits a maximum of 10 IGCSEs, which may rise to 11 including English Literature. However, those students who enjoy only a few subjects but find some other subjects challenging, can consider taking fewer optional subjects. If this is the case, please talk to the IGCSE Coordinator.

Those students selected to take English Literature are able to decline it, if they feel that the workload will be too great. However, we urge these students not to reduce their number of optional subjects as this may hinder their future choices.

How do I find out more about what the courses consist of?

Read this booklet carefully, as even familiar subjects can be very different at IGCSE. Your subject teachers will be able to tell you about the subject they teach and further information is available on the Cambridge IGCSE website (www.cambridgeinternational.org).

Should I choose the subjects I like?

You are more likely to do well at IGCSE if you enjoy the subjects you are studying. So, as a general rule, choose the subjects you enjoy. Do not choose a subject because you like the teacher or simply because your best friend has chosen it. You should choose because of the subject itself.

Do my options affect future career choices?

Like most students you are probably unsure what you want to do in the future and even if you have some ideas, they are likely to change in the next few years. You need to keep as many doors open as possible. Try to aim for a broad spread of subjects. Choose according to your own individual interests, abilities and career plans. If you want to know about specific entry requirements for particular Universities then talk to the school *University Guidance Director*, or your teachers.

What if I already know what I want to do in my future career?

If you are more definite in your career ideas, do some research to find out what subjects you need to study and to what level you need to study them.

Will I be able to get the grades I want?

Usually you can judge this for yourself, but ask your teachers if you are uncertain of your IGCSE prospects. The subject teachers should be able to give you an indication as to how well you will fare on the course, although result predictions are rarely 100% accurate.

Will I be able to take the courses of my choice?

We will do all we can to timetable so that you can, but sometimes timetabling difficulties may prevent it. We are also restricted on the number of pupils who are able to complete certain subjects, such as Food & Nutrition and DT. For a minority of students a teacher may be reluctant to allow you on the course for your own benefit. If it is suggested that you should not choose a particular subject then the school will inform you. The school will make the final decision as to whether or not to enter you for each exam.

CONTACT INFORMATION

Please don't hesitate to contact the school should you have any questions about the information provided in this booklet, or any other queries relating to IGCSE options at CKY.

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