



Senior Subject Guide

2016

CIE IGCSE & AS/A Level

# FOREWORD

The NZIS Senior Subject Guide 2016: CIE IGCSE and AS/A Level has been designed to help Year 10 – 12 students and their parents/caregivers to make informed decisions regarding subject choices for 2016 and beyond.

For students, it is advised that you:

- read the guide carefully;
- spend time carefully planning your future tertiary study or career options: research online, request tertiary institution handbooks;
- talk to your parents, teachers or someone who is currently doing the course or job you want to do;
- check that the IGCSE or AS/A Level subjects you choose next year relate to or match the course or career you may want to do when you finish high school;
- not choose a subject because your friends are doing it;
- meet the deadline for submitting the subject selection form to the school;
- choose a balance of subjects that will prepare you for the future, as well as enrich, extend, challenge and reward you.

For parents/caregivers we are here to support you and your son/daughter through this process. Note also:

- the number codes in parentheses following each subject are the CIE subject codes – all information regarding subject selections will now carry this code;
- please ensure your son/daughter submits the subject selection form for 2015 as per the deadlines set by the school – these differ from year level to year level;
- you may find further information including course descriptions and syllabi on the following subjects at the CIE website: [www.cie.org.uk](http://www.cie.org.uk)

Please feel free to contact our Head of Secondary, Mr. Inga Tamou or the relevant subject teacher if you have any queries or require more information.

*We wish you all the best as you plan for this next part of your high school journey at NZIS.*

DISCLAIMER: The information contained within this guide is correct at the time of printing.

# TABLE OF CONTENTS

YEAR 10 & 11 IGCSE SUBJECT GUIDE 2016	4
IGCSE GROUP ONE: LANGUAGES	5
IGCSE First Language English (0500)	5
IGCSE Second Language English (0510)	5
IGCSE Bahasa Indonesia (0545)	5
IGCSE Chinese (0547)	6
IGCSE French (0520)	6
IGCSE GROUP TWO: HUMANITIES	6
IGCSE History (0470)	6
IGCSE GROUP THREE: SCIENCES	7
IGCSE Coordinated Sciences [Double Award] (0654)	7
IGCSE GROUP FOUR: MATHEMATICS	7
IGCSE Mathematics (0580)	7
IGCSE GROUP FIVE: CREATIVE & VOCATIONAL	8
IGCSE Art and Design (0400)	8
IGCSE Business Studies (0450)	9
IGCSE Computer Science (0478)	9
YEAR 12 & 13 AS/A LEVEL SUBJECT GUIDE 2016	10
AS/A LEVEL GROUP ONE: MATHEMATICS & SCIENCES	10
AS/A Biology (9700)	11
AS/A Level Chemistry (9701)	11
AS/A Level Mathematics (9709)	11
AS Level Physics (9702)	12
AS Psychology (9698)	12
A Level Psychology (9698)	12
AS/A LEVEL GROUP TWO: LANGUAGES	13
A Level English Language (8693)	13
AS/A French Language (8682/9716)	13
AS/A LEVEL GROUP THREE: ART & HUMANITIES	14
AS General Studies International (8001)	14
AS/A Level Art and Design (9704)	14
AS Business (9609)	15
AS/A Computer Science (9608)	15
AS Thinking Skills (9694)	16

# YEAR 10 & 11 IGCSE SUBJECT GUIDE 2016

IGCSE subjects are organised into five groups: *Languages, Humanities, Sciences, Mathematics, Creative and Vocational.*

For Year 10 and 11 in 2016, all students take at least seven subjects (exceptions are noted below):

three compulsory subjects

AND

four subject options from the *Languages, Humanities and Creative and Vocational* groups.

For one of your four options, you must choose a modern foreign language from *Group 1: Languages.*

By completing seven subjects, you will be eligible for both IGCSE and ICE.

For Year 10, subjects selected for 2016 will carry through to final IGCSE coursework and examinations in 2016: so choose carefully.

Starting a new subject in Year 11 is much harder than you think.

To assist you, the following table is a useful guide.

<b>IGCSE COMPULSORY SUBJECTS</b> The school will automatically enrol you for the subjects below.	<b>IGCSE SUBJECT OPTIONS</b> Choose four subjects only – try to choose one from each group. You must choose ONE from Group 1. The remaining THREE must be from Groups 2 and 5.
<b>Group 1: Languages</b> First Language English* or Second Language English	<b>Group 1: Languages</b> Bahasa Indonesia Chinese French
<b>Group 3: Sciences</b> Coordinated Sciences [Double Award]	<b>Group 2: Humanities</b> History
<b>Group 4: Mathematics</b> Mathematics	
<b>Non IGCSE (but compulsory)</b> Physical Education & Health Duke Edinburgh Award	<b>Group 5: Creative &amp; Vocational</b> Art and Design Business Studies Computer Science

# IGCSE GROUP ONE: LANGUAGES

## IGCSE First Language English (0500)

Cambridge IGCSE First Language English is designed for students whose mother tongue is English. The course allows students to:

- develop the ability to communicate clearly, accurately and effectively when speaking and writing
- learn how to use a wide range of vocabulary, and the correct grammar, spelling and punctuation
- develop a personal style and an awareness of the audience being addressed.

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

Successful candidates are well prepared for further study including: AS and A Level GCE English Language, Cambridge Pre-U and the Cambridge International AS and A Level English.

## IGCSE Second Language English (0510)

It is aimed at students whose first language is not English, but who use it as a lingua franca or language of study. Successful English as a second language students have better educational or employment prospects and gain lifelong skills, including:

- better communicative ability in English
- improved ability to understand a range of social registers and styles
- a greater awareness of the nature of language and language-learning skills
- a greater international perspective
- a sound foundation for progression to employment or further study including IGCSE and AS/A Levels.

### Goals

- Develop the ability to use English effectively for the purpose of practical communication.
- Form a sound base for the skills required for further study or employment using English as the medium.
- Develop an awareness of the nature of language and language-learning skills, along with skills of a more general application.
- Promote students' personal development.

## IGCSE Bahasa Indonesia (0545)

The aim is to develop the ability to use the language effectively for purposes of practical communication and form a base of the skills, language and attitudes required for further study, work and leisure. For Bahasa, there are three sections in IGCSE examinations: Speaking, Reading and Directed Writing, Continuous Writing. For Core Curriculum, there are only Speaking and Reading and Directed writing.

For speaking, students start the examination with Role Play (cards provided by CIE), followed by Topic Presentation, and General Conversation. Topic Presentation areas include:

Area A: Everyday activities

Area B: Personal and social life

Area C: The world around us

Area D: The world of work

Area E: The International world

IGCSE Bahasa Indonesia is recommended for students who have studied the language since Year 7 or Year 8. It is a demanding course of study that requires enthusiasm, hard work and application. The rewards for learning a second language are that it opens doors and allows both the language and cultural understanding of another culture.

## IGCSE Chinese (0547)

**Course description:** There are four main skills in all languages – Listening, Reading, Writing and Speaking. In this course we aim to cover all of these to the required standard. In the first examination the students are expected to listen to a pre-recorded CD for 45 minutes and to answer questions on the text. In the second examination the students will sit for 1 hour 45 minutes with reading and writing exercises and in the third examination the students complete a short interview with three compulsory parts, in Chinese: Role Plays, Topic Presentation and General Conversation.

**Course requirements:** Students are required to participate in lessons and to carry out all homework and assignments that are given during the course of the terms. It is a great advantage if the student has taken Chinese in Years 7-9.

## IGCSE French (0520)

**Course description:** There are four main skills in all languages – Listening, Reading, Writing and Speaking. In this course we aim to cover all of these to the required standard. In the first examination the students are expected to listen to a pre-recorded CD for 45 minutes and to answer questions on the text. In the second examination the students will sit for 1 hour 45 minutes with reading and writing exercises and in the third examination the students complete a short interview with three compulsory parts, in French: Role Plays, Topic Presentation and General Conversation.

**Course requirements:** Students are required to participate in lessons and to carry out all homework and assignments, which are given during the course of the terms. It is a great advantage if the student has taken French from Years 7-9.

**Grades:** The official grade thresholds will change but in general you will need to score 80% and over to get an A in this examination.

For speaking, students start the examination with Role Play (cards provided by CIE), followed by Topic Presentation, and General Conversation. Topic Presentation areas include:

- |                                  |                                 |
|----------------------------------|---------------------------------|
| Area A: Everyday activities      | Area D: The world of work       |
| Area B: Personal and social life | Area E: The International world |
| Area C: The world around us      |                                 |

IGCSE French is recommended for students who have studied the language since Year 7 or Year 8. It is a demanding course of study that requires enthusiasm, hard work and application. The rewards for learning a second language is that it opens doors and allows both the language and cultural understanding of another culture.

## IGCSE GROUP TWO: HUMANITIES

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### IGCSE History (0470)

**Core content:** International relations since 1919.

Students will:

- assess the fairness of the treaties following World War I
- evaluate the success of the League of Nations throughout the 1920s and 1930s
- examine the causes of World War II
- determine who was more to blame for the Cold War; the USA or USSR
- examine how effective the USA was in containing communism
- study the USSR's control over Eastern Europe and the collapse of communism
- evaluate the effectiveness of the UNO

**Depth studies:** Russia 1905-1941 and the USA 1919-1941

The study of history at IGSCCE level will allow students to build many important skills. They will learn to gather, sort and evaluate valuable data and information, think critically, and present clear, concise and convincing arguments. Students will also develop an understanding and empathy of people outside of their own culture and experiences, and be able to identify truths and recognise propaganda and determine their effect on people's actions.

Learning about past societies and cultures allows for an understanding of the present and makes for informed citizens and leaders in today's global world.

The study of history at IGSCCE can then lead to AS and A Level History, and later university, and pave the way for careers in a variety of fields. Historians can become educators, using their knowledge to teach others in schools, historical sites or museums. They can become researchers in museums or other historical organisations. The study of history can also lead to work in journalism and publishing, and non-government organisations. The skills taught in history are necessary for the study of law and very valuable for the study of business; this can lead to employment in commerce, finance and marketing. Careers at all levels of government also require the skills taught by studying history.

## IGCSE GROUP THREE: SCIENCES

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### IGCSE Coordinated Sciences [Double Award] (0654)

Cambridge IGCSE Coordinated Sciences gives learners the opportunity to study biology, chemistry and physics within a cross-referenced, scientifically coherent syllabus. It is a double award, earning two grades. Learners gain an understanding of the basic principles of each subject through a mix of theoretical and practical studies, while also developing an understanding of the scientific skills essential for further study. They 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. As well as focusing on the individual sciences, the syllabus helps learners to understand the technological world in which they live, and take an informed interest in science and scientific developments.

Successful completion of coordinated science with sufficient grades allows students to continue, if they choose, with studies in: biology, chemistry or physics at AS Level.

## IGCSE GROUP FOUR: MATHEMATICS

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### IGCSE Mathematics (0580)

**Core Mathematics (Paper 1 and 3) or Extended Mathematics (Paper 2 and 4)**

Cambridge IGCSE Mathematics is accepted by all universities and employers as proof of mathematical knowledge and understanding. In preparing for this subject, students will gain lifelong skills.

The main topic areas in mathematics are: Numbers, Algebra, Shape & Space and Statistics & Probability.

The two major assessment objectives in mathematics are:

- Mathematical techniques
- Applying mathematical techniques to solve problems.

Candidates may follow either the Core curriculum only, or the Extended curriculum, which involves both core and supplement. Candidates aiming for grades A\* - C should only follow the Extended curriculum. School will choose students to practise core or extended curriculum based on their ability to handle the assessment objectives in mathematics.

- For able and interested students, enrichment classes will be arranged. For example, IGCSE Additional Mathematics (0606) is offered as an after school activity.

## IGCSE GROUP FIVE: CREATIVE & VOCATIONAL

### IGCSE Art and Design (0400)

Minimum prerequisite: Level 5 Art in Year 9

#### What will I learn on this course?

You will learn to develop basic skills and techniques in drawing, painting, printmaking, mixed media and sculpture.

You will learn to use worksheets to develop ideas and to experiment with different media (for example; pastels, charcoal, paint).

You will learn about artists, designers and craftspeople, their use of a range of techniques and approaches.

You will learn how to link your research, observational drawings and experimentation with a range of media to complete a final realised piece.

#### What skills will I need?

You need to enjoy expressing your ideas through art using different techniques and appreciate that concentrating for periods of time will help develop your work and your understanding of working with a range of techniques. You will also need to show initiative and work independently.

#### Assessment

Component 4 is your coursework unit and is worth 50% of the entire IGCSE assessment. You will present the work that you have completed during Year 10 and 11 on eight A2 worksheets. This preparatory work will lead to a final realised piece that you will complete during an eight-hour examination (over a two day period) in Year 11. This component is internally assessed by your teacher and moderated by CIE. In Year 11 you will also complete Component 1, which is your examination unit and makes up the remaining 50% of your assessment. For this unit, you have eight-weeks of preparatory work that will be presented on four A2 worksheets that leads to a final eight hour realised piece. This component is assessed externally by CIE.



Sample of IGCSE students' work

## IGCSE Business Studies (0450)

Course description: The aims of this course are to enable students to use business terminology correctly, to begin to understand current business issues, to develop knowledge of the major groups and organisations in business, to develop knowledge of the main types of commercial institutions and of how they may be organised and regulated. Furthermore, students will develop their skills of numeracy, literacy and presentation.

**Course requirements:** Students will participate in class discussions and activities, complete homework assignments each week. Students will complete an assigned project in every term, unless otherwise informed.

**Text:** Oxford University Press, [Brian Titley's Complete Business Studies for Cambridge IGCSE \(2011\)](#)

## IGCSE COMPUTER SCIENCE (0478)

Learners following the Cambridge IGCSE Computer Science syllabus develop their understanding of the main principles of problem solving using computers. They can apply their understanding to develop computer-based solutions to problems using algorithms and a high-level programming language. Learners also develop a range of technical skills, as well as being able to effectively test and evaluate computing solutions. Studying Cambridge IGCSE Computer Science will help learners appreciate current and emerging computing technologies, the benefits of their use and recognise their potential risks.

Cambridge IGCSE Computer Science helps learners develop an interest in computing and gain confidence in computational thinking. It is an ideal foundation for further study at Cambridge International AS and A Level, and the skills learnt can also be used in other areas of study and in everyday life. From the 2015 examination series, this syllabus will replace Cambridge IGCSE Computer Studies (syllabus code 0420).

# YEAR 12 & 13 AS/A LEVEL SUBJECT GUIDE 2016

AS/A Level subjects are organised into three groups: Mathematics and Sciences, Languages, Art and Humanities.

For seniors in 2016, all students take a maximum of four subjects:

Remember, what you select for AS study in 2016 may carry through to A Level in 2016: so choose carefully.

Starting a new subject later is much harder than you think.

To assist you, the following table is a useful guide.

AS/A LEVEL SUBJECTS	AS/A LEVEL SUBJECT OPTIONS
<b>Group 2: Languages</b> English Language	<b>Group 1: Mathematics and Sciences</b> Biology Mathematics Physics Psychology Chemistry
<b>Group 3: Art and Humanities</b> General Studies International Thinking Skills	<b>Group 2: Languages</b> French
<b>Non AS/A Level (but compulsory)</b> Physical Education & Health Duke of Edinburgh Award	<b>Group 3: Art and Humanities</b> Art and Design Business Studies Computer Science

## AS/A LEVEL GROUP ONE: MATHEMATICS & SCIENCES

### AS Biology (9700)

Biology is the ideal subject for anyone who wishes to develop and sustain an interest in the study of living organisms; to recognise the value and responsible use of biology in society and to appreciate the significance of biology in personal, social, environmental, economic and technological contexts.

Biology is the study of the evolution, structure and functioning of living organisms and their relationships with one another and with their environment. The course will allow students to develop an essential knowledge and understanding of biological facts, concepts and principles, together with an appreciation of their significance, and the skills needed for their use in new and changing situations.

## A Level Biology (9700)

A Level Biology builds upon the foundations of the AS course. Throughout the course students will carry out a number of practicals including fieldwork and laboratory work. The topics at A Level study the fundamental principles of biology, such as: evolution, photosynthesis and respiration. This course prepares students for a successful university career in many subjects such as medicine, physiology, and environmental science.

### Studying biology can lead to careers in:

Apart from medicine, dentistry and veterinary medicine, subjects that our biology students have gone on to study include anatomy, biomedical science, optometry, pharmacy, physiotherapy, psychology, sports science, zoology –and many more. In addition, many students who are planning to study an arts subject at university, but who feel that their education would be broadened by the inclusion of a science, find studying biology an interesting and a rewarding experience.

## AS/A Chemistry (9701)

Cambridge International AS and A Level Chemistry builds on the skills acquired at Cambridge IGCSE (or equivalent) level. The syllabus includes the main theoretical concepts which are fundamental to the subject, a section on some current applications of chemistry, and a strong emphasis on advanced practical skills. Practical skills are assessed in a timetabled practical examination.

The emphasis throughout is on the understanding of concepts and the application of chemistry ideas in novel contexts as well as on the acquisition of knowledge. The course encourages creative thinking and problem-solving skills which are transferable to any future career path. Cambridge International AS and A Level Chemistry is ideal for learners who want to study chemistry or a wide variety of related subjects at university or to follow a career in science.

## AS/A Level Mathematics (9709)

Cambridge International AS/A Level Mathematics is accepted by universities and employers as proof of mathematical knowledge and understanding. We are offering Pure Mathematics and Probability and Statistics, which has a wide range of applications for their higher level of study. Students will gain lifelong skills in the following areas:

- A deeper understanding of mathematical principles
- The development of the use of applications in the context of everyday situations and in other subjects they are studying
- The ability to analyse problems logically, recognising when and how a situation may be represented mathematically
- The use of mathematics as a means of communication
- A solid foundation for further study

### Assessment objectives:

- The abilities assessed in the examinations cover a single area: mathematical technique with application. The examination will test the ability of candidates to:
  - Understand relevant mathematical concepts, terminology and notation;
  - Recall accurately and use successfully appropriate manipulative techniques;
  - Recognise the appropriate mathematical procedure for a given situation;
  - Apply combinations of mathematical skills and techniques in solving problems;
  - Present mathematical work, and communicate conclusions, in a clear and logical way.

## AS Level Physics (9702)

### What is Physics about?

From the birth and death of stars to the fleeting interactions of tiny particles, physics studies how our world works. To do this it uses ideas ranging from: Force and Energy, to Strangeness and Charm – rather more abstract and fanciful! It is a fascinating subject, driven by the desire to find out how and why matter behaves the way it does.

Physics is not only interesting it is also highly marketable. With an A Level in physics you have proved that you possess a wide range of key skills, exactly what employers and universities are looking for today. Indeed there can be few subjects at A Level that cover such a wide range of transferable skills.

### What does AS consist of?

- Unit 1: Particles, Quantum Phenomena and Electricity
- Unit 2: Mechanics, Materials and Waves
- Unit 3: Investigative and Practical Skills in AS Physics

The AS/A level syllabus has improved the course by making the transition from IGCSE much smoother; mathematics skills are built up during the AS year, with harder mathematics only at the A Level.

### What does A Level consist of?

The units are as follows:

- Unit 4: Fields and Further Mechanics
- Unit 5: Nuclear and Thermal Physics is the compulsory element. The option topic is yet to be decided.
- Unit 6: Investigative and Practical Skills in A Level Physics

## AS Psychology (9698)

Psychology focuses on the science of the mind, behaviour and experience. It looks at how individuals think, what they do and the way they are affected by their biological make up and the wider social group.

If you are fascinated by the idea of understanding the brain - if you want to grasp the complexities of human behaviour - AS Psychology is for you. In lessons, you may be exploring various areas to do with cognitive, behaviour, developmental and even biological psychology by focusing on issues such as memory, child and adult developmental stages, social behaviourism, abnormalities in behaviour, physiological responses and psychological research methods. As you progress you will learn more about critical issues related to the mind, behaviour and thinking style by exploring the physiological and psychological explanations on specific issues such as biological rhythms, relationships, gender, psychological disorders and many more.

**Studying psychology can lead to careers in:** Academic counselling, business advisors, stock market, teaching, forensics, law enforcement, research.

## A Level Psychology (9698)

Psychology at A Level allows you to tailor your own learning experience by studying the modules that best suit you. There is a choice of five units ranging from psychology in education to psychology and the environment. The course builds upon what has been learned at AS Level and applies the key ideas not to individual case studies but to the real world. Psychology is classed as an experimental science and as such students would be expected to carry out and analyse their own psychological research.

# AS/A LEVEL GROUP TWO: LANGUAGES

## A Level English Language (8693)

Successful English language students gain lifelong skills including:

- the ability to write clearly and persuasively;
- the ability to use appropriate styles and registers for different contexts;
- the ability to analyse a variety of complex texts in different forms and styles;
- an understanding of language use to inform and persuade.

The syllabus aims to develop:

- A critical and informed response to writing in a range of forms, styles and contexts.
- The interdependent skills of reading, analysis and communication.
- Effective and appropriate communication.

## AS/A French Language (8682/9716)

Course Description: The course follows on and develops speaking, reading, short and extended written response skills acquired in IGCSE French. The course aims to:

- develop students' ability to understand French in a variety of registers;
- enable students to communicate confidently and clearly in French;
- form a sound base of skills, language and attitudes required for further study, work and leisure;
- develop insights into the culture and civilisation of France and Francophone countries including the study of literary texts where appropriate (this does not apply to AS Language qualifications);
- encourage positive attitudes to language learning and a sympathetic approach to French culture and civilization;
- support intellectual and personal development by promoting learning and social skills.

The three components assessed for AS French Language are:

1. Speaking (Presentation, Topic conversation and General conversation)
2. Reading and writing (Comprehension of two extended passages)
3. Essays (on ONE of the following topics):
  - Patterns of daily life
  - Health and fitness
  - Scientific and medical advances
  - Law and order
  - Employment and unemployment

In A Level French Language, students will extend their language acquisition skills from AS level and repeat the above. They also work towards a fourth component:

4. Texts (Literature study in French)
    - Texts may be taught from a broad range of French literary giants including: Molière, Guy de Maupassant, Jean-Paul Sartre, Albert Camus, and Simone de Beauvoir.
- The examination is Open Book.

**Course Requirements:** Students should have completed French to IGCSE level. Ideally they will have achieved a C grade or above in IGCSE in order to cope with the demands of this course.

# AS/A LEVEL GROUP THREE: ART & HUMANITIES

## AS General Studies International (8001)

**Duration:** One Year  
**Pre-requisites:** None

The Cambridge International AS Level General Paper encourages learners to develop a maturity of critical thought and argument, and a mastery of expression in the English language. These are all skills of great use for university level study. The syllabus draws on topics from across the school curriculum, and learners are able to draw upon knowledge and understanding gained from study of other subjects.

**Assessment Components:** Written Examination – 100%; Essay (50%); Unseen texts (50%)

### Tertiary study pathway examples (common in AUS, NZL, USA, UK etc.):

The AS General Studies International paper is not intended as part of any specific pathway to a specialist university/tertiary course. But rather, is intended to assist in entry requirements to universities and tertiary institutions, particularly for arts, humanities and social sciences courses.

*Due to its breadth and general nature, the course is compulsory for all Year 12 and 13 students in 2014. Students are automatically entered for this paper.*

## AS/A Level Art and Design (9704)

Course components/units	A Level candidates take all four components. AS Art and Design students choose Components 1 and 2. A Level Art and Design students choose Components 3 and 4.
Minimum Entry Requirement	Grade C in IGCSE Art and Design Grade C in IGCSE English Language

### What will I learn on this course?

Based on your development of a range of techniques and approaches in IGCSE Art and Design, you will explore and refine your skills in drawing, painting, printmaking, mixed media and sculpture.

You will develop your approach to presenting your artwork on worksheets and in a sketchbook to display your development of ideas and experimentation using a wide range of media.

You will use your knowledge and research on the techniques and approaches of a wide range of artists to investigate your own response to themes and exploration of media to ensure that you complete a competent final realised piece.

### What skills will I need?

You will need a creative and inquiring mind, a willingness to explore new ideas and an ability to communicate your ideas effectively. Your enthusiasm for art and your ability to show initiative and work independently are essential.

## Assessment

**AS Level:** Component 2 is your coursework unit and is worth 40% of your entire AS Level assessment and 20% of your entire A Level grade. You will present the work that you have completed during Year 12 on four A1 worksheets. This preparatory work will lead to a final realised piece that you will complete during a fifteen-hour examination (over a three day period). This component is internally assessed by your teacher and moderated by CIE. You will also complete Component 1 in Year 12, which is your examination unit and makes up the remaining 60% of your AS Level assessment and 30% of your overall A Level grade. For this unit, you have eight weeks of preparatory work that will be presented on two A1 worksheets that leads to a final eight hour realised piece. This component is assessed externally by CIE.

**A Level:** In Year 13 you will complete Components 3 and 4. Component 3 is your coursework unit and includes a folder of supporting work (max. size A1, max. 10 sheets) and a sketchbook. It is worth 30% of your final A Level grade. This is internally assessed by your teacher and moderated by CIE. For Component 4 you will present a personal study of your chosen area within art and design containing a maximum of 3,500 words in a maximum size of A1. This component is externally assessed by CIE.



Sample of A-Level students' work.

## AS Business (9609)

The Business syllabus enables learners to understand and appreciate the nature and scope of business, and the role it plays in society. The syllabus covers economic, environmental, ethical, governmental, legal, social and technological issues, and encourages a critical understanding of organisations, the markets they serve and the process of adding value. Learners examine the management of organisations and, in particular, the process of decision-making in a dynamic external environment.

From the 2016 examination series, this syllabus will replace Cambridge International AS and A Level Business Studies (9707).

## AS/A Computer Science (9608)

The aim of the Cambridge International AS and A Level Computer Science syllabus is to encourage learners to develop an understanding of the fundamental principles of computer science and how computer programs work in a range of contexts.

Learners will study topics including information representation, communication and Internet technologies, hardware, software development, and relational database modelling. As they progress, learners will develop their computational thinking and use problem solving to develop computer-based solutions using algorithms and programming languages. Studying Cambridge International AS and A Level Computer Science will help learners develop a range of skills such as thinking creatively, analytically, logically and critically.

## AS/A Thinking Skills (9694)

Thinking Skills develops a specific set of intellectual skills, independent of subject content, reflecting the need voiced by universities and employers for more mature and sophisticated ways of thinking. The Thinking Skills syllabus also enables students to approach their other subjects with an improved ability to understand, analyse and resolve problems.

As a result, students will find the course of great benefit when preparing for higher education and for a wide range of careers, including law, scientific research, social science, journalism, medicine, business, accounting and engineering. The Thinking Skills syllabus encourages free and open debate, critical and investigative thinking, and informed and disciplined reasoning.

**Early Years & Primary Campus:**

Jl. Kemang Selatan I #1A

Kemang, Jakarta

 7183222

**Secondary Campus:**

Jl. Kemang Raya #70

Kemang, Jakarta

 7183111