



IGCSE

GUIDED CHOICES

A DIVERSE AND RIGOROUS KEY STAGE 4 CURRICULUM TAUGHT BY
EXPERIENCED AND EXPERT SPECIALIST TEACHERS



SRI KDU
International
School
SUBANG JAYA



SRI KDU INTERNATIONAL SCHOOL, SUBANG JAYA

OFFERS THE WORLD'S MOST POPULAR TWO-YEAR INTERNATIONAL QUALIFICATION - CAMBRIDGE INTERNATIONAL GENERAL CERTIFICATE OF SECONDARY EDUCATION (IGCSE) WITH A TWO-WEEK TIMETABLE THAT IS CUSTOMIZED YEAR-ON-YEAR TO BUILD A CURRICULUM BASED ON THE DEMANDS OF THE STUDENTS. THIS ENSURES THAT TEACHING HOURS ARE CORRECT FOR EACH IGCSE SUBJECT.



OUR AIM IS FOR ALL STUDENTS TO BE ABLE TO SELECT A PATH THAT ALLOWS THEM TO APPRECIATE, AIM AND ACCOMPLISH. THE SCHOOL WILL WORK WITH YOUR CHILD TO DECIDE THE BEST ROUTE FOR OPTIMUM IGCSE RESULTS.

STUDENTS WILL BE GUIDED INTO NEW WAYS OF LEARNING BY EXCELLENT TEACHERS TO REACH THEIR POTENTIAL, ACQUIRING THE RIGHT KNOWLEDGE AND SKILLS. THE SCHOOL WILL ALSO MAINTAIN PASTORAL CARE AND THE 'WHOLE CHILD' PHILOSOPHY THAT PERMEATES THE SCHOOL.

EMBARK ON THIS JOURNEY AND MAKE THE GRADE AT SRI KDU.

All Sri KDU Subang Jaya students are expected to study between 7 to 11 IGCSE subjects.
Compulsory Subjects are: English, Mathematics, Science and one other language.
There are three pathways available for English and Science and two for Mathematics.

ENGLISH

**English as a First Language
& English Literature**
Students will earn TWO (2)
IGCSEs on this path.

English as a Second Language
Students will earn ONE (1)
IGCSE on this path.

MATHEMATICS

Mathematics (Regular)
Students will earn ONE (1)
IGCSE on this path

***Advanced Mathematics
(Additional Mathematics)**
Students will earn ONE (1)
IGCSE on this path

SCIENCE

Coordinated Science
Students will earn TWO (2)
IGCSEs on this path

***Separate/Pure Science**
Students will earn THREE (3)
IGCSEs on this path.

Certain *subject choices will need to be agreed and approved by the Heads of Department.

Block 1

Block 2

Block 3

Accounting

Accounting

Business
Studies

Computer
Science

Art

Economics

Geography

Business
Studies

Geography

Drama

History

Music*

ICT

PE

*subject to demand

Bahasa Malaysia

Malay as a First Language
Students will earn
ONE (1) IGCSE on
this path

**Malay as a Modern Foreign
Language (MFL)**
Students will earn
ONE (1) IGCSE on
this path.

Mandarin

Mandarin as a First Language
Students will earn
ONE (1) IGCSE

Mandarin as a Second Language
Students will earn
ONE (1) IGCSE

**Mandarin as a Modern Foreign
Language (MFL)**
Students will earn
ONE (1) IGCSE

French

**French as a Modern Foreign
Language (MFL)**
Students will earn
ONE (1) IGCSE.

ART & DESIGN

(0400)

ABSTRACT & COLOUR

What will I study

The Cambridge IGCSE Art & Design syllabus aims to encourage a personal response by stimulating imagination, sensitivity, conceptual thinking, powers of observation and analytical ability. Learners gain confidence and enthusiasm as they develop technical skills in two and three dimensional form and composition, and are able to identify and solve problems in visual and tactile forms. They also learn how to develop ideas from initial attempts to final solutions.

What will I learn

A pathway to fun and excitement where imaginative is the core of each lesson, students will be creatively express their ideas and feelings in context. Various skillsets are furnished inside IGCSE Art & Design class with students being exposed to working with different materials while understanding techniques and practices of modern and traditional art.



OUTLINE

KEY UNITS

- painting and related media
- print making
- three-dimensional design
- photography, digital and lens-based media
- graphic communication
- textiles and fashion.

What skills, knowledge and understanding do I need?

The study of Art and Design is a process of continuous creative expression. Hard work and patience are the constant negotiating partners when dealing with art work. Students would need to be willing to work hands-on projects that are to be completed to a certain standard.

Learning would be more fulfilling if you are keen in the arts and is highly interested in creating and exploring art and design with a variety of different materials and experimentation.

OBJECTIVES

ASSESSMENT

Component 1

(Coursework)

Candidates research, develop and realise a project from one area of study in the subject content from a theme set by the teacher. There are two parts to the coursework: – a portfolio and – a final outcome.

Paper 2 Structured questions

(8 hours)

Candidates respond to one starting point set by Cambridge International.

Candidates may produce work from the same area of study as Component 1, but they do not have to.

There are two parts to the assignment: ● supporting studies and

● a final outcome, produced during a supervised test of 8 hours' total duration.

DRAMA

(0411)

BEYOND THE STARS

What skills, knowledge and understanding do I need?

Watching any style of performance is highly beneficial for candidates as this widens their understanding of various narratives being communicated to an audience for an intended meaning. Reading play texts and stories, as well as current topical stories and news will help provide a bank of ideas that candidates may use when creating their own performances.

IGCSE Drama Career Path?

Actor/Actress, Arts Administrator, Community Arts Worker, Teacher, Drama therapist, Journalist, Librarian, Media Planner, TV/Radio Planner, Programme Researcher, Stage Manager, Television Production Assistant, University Lecturer, Media Planner, Set Designer & Light/Sound Technician



OUTLINE

KEY UNITS

- Elements of practical drama
- Published plays extracts,
- Original dramatic material
- Evaluation of devising process
- Staging and design
- Individual and group performance skills

What will I learn?

IGCSE Drama focuses on promoting and developing the enjoyment and knowledge of drama and theatre to compliment many chosen career paths. The course explores and enriches each candidate's understanding of dramatic processes, devising techniques, performance styles and directing. Learners develop vocabulary to provide analytical and evaluative responses to various drama performances. The course embeds many opportunities for candidates to build confidence, researching skills, teamwork and communication. Candidates will be learning through a combination of practical and theory lessons, as this approach strengthens an understanding of a specific play text, devised stimuli and exam questions.

OBJECTIVES

ASSESSMENT

Component 1 - Written Paper

(2 hours 30 minutes)

Section A - answer up to 8 questions
(based on extract from a studied play text)
Section B - answer 2 questions (based on
extract from a studied play text)
Section C - answer 2 questions (based on
devised piece students created for
Component 2)

*Externally assessed

Paper 2 Coursework

(2 hours 15 minutes)

Individual performance based on an
extract from a play.
2. Group performance based on an extract
from a play.
3. Group performance based on an original
devised piece.

*Internally and externally assessed

BUSINESS STUDIES

(0450)

BEYOND THE NUMBERS

What will I study?

The Cambridge IGCSE Business Studies syllabus develops learners' understanding of business activity in the public and private sectors, and the importance of innovation and change. Learners find out how the major types of business organisation are established, financed and run, and how their activities are regulated. Factors influencing business decision-making are also considered, as are the essential values of cooperation and interdependence.

How will I learn?

Every day we are exposed to thousands of businesses, whether it is walking down the street, Surfing the Internet or simply watching TV. IGCSE Business Studies equips learners with the necessary skills to be informed and responsible consumers and prepares them for being the workforce and business leaders of tomorrow.

IGCSE GUIDED CHOICES | PG5



OUTLINE

KEY UNITS

- Understanding Business Activity
- People in Business
- Marketing
- Operations Management
- Financial Information and Decisions
- External Influence and Decisions

What will I learn?

Throughout the course, students will be learning about the different forms of business organisations, operations environment, and the role of the people behind the curtain.

A study on business plans, identifying the fall of businesses and characteristic of successful entrepreneurs will be tackled early on through various individual and group activities showcasing students collaborative and leadership skills along the way.

Contrary to popular belief, Business Studies is not all facts and figures on paper. Students are encouraged to build lifelong skills such as analytical skills, debating flairs, teamwork and out of the box thinking

OBJECTIVES

ASSESSMENT

Paper 1

(1 hour 30 minutes)

Written examination consisting of four questions requiring a mixture of short answers and structured data responses. Candidates answer all questions weighted at 50% of total available marks.

Paper 2 Structured questions

(2 hours 15 minutes)

Written examination consisting of four questions based on a case study, provided as an insert with the paper, weighted at 50% of total available marks.

IGCSE OPTIONS INFORMATION

COMPUTER SCIENCE

OUTLINE

KEY UNITS

- Data representation
- Communication and Internet technologies
- Hardware and software
- Security
- Ethics
- Algorithm design and problem-solving
- Programming Concepts
- Databases



What skills, knowledge and understanding do I need?

Vast interest in programming and algorithm will suit students who choose to IGCSE Computer Science. Learners will spend most of their time with theory and analysis and design of computational or programming problems.

Worry not! Do bring enthusiasm and eagerness to learn and solve problem before you step in Computer Science and you will have an enriching and enjoyable learning experience.

OBJECTIVES

ASSESSMENT

Paper 1 : Theory

(1 hour 45 minutes)

Short-answer and structured questions

All questions are compulsory

*Externally assessed

Paper 2 : Problem Solving and Programming

(2 hours 30 minutes)

Short-answer and structured questions

All questions are compulsory

*Externally assessed

(0478)

ALGORITHM TO SUCCESS

What will I learn

The prime question perhaps is "What is the difference between Computer Science and Information, Communication and Technology (ICT)?"

To illustrate this confusion, we will need to look at how both lesson focuses on. In ICT Lesson, students would use computer to solve an issue while in Computer Science, student will learn about the algorithmic thinking and computer programming. IGCSE Computer Science provides students with an understanding of programming as well as the use of hardware and software in organisations.

How will I learn?

50% of the course involves hands on practical lesson which involve assembling computer-based solutions using a high-level programming language such as Python. Student will acquire in-depth programming practical exercises and better understanding of algorithm by practicing on past year paper questions. W3school Online and Jamboard are among the online resources that will be used for collaborative diagnosing activity.

CHINESE MANDARIN FIRST LANGUAGE

(0547)

BEHIND THE GREAT WALL

What will I study

Chinese Mandarin First Language will introduce students to articles from a wide range of genre including fiction and non fiction, along with reviews, essays and Classical Chinese texts. Students would focus on writers' usage of language and style. They would demonstrate their findings and use its structure on their writing to showcase an influential edge for their text. Apart from that, learners are encouraged to explore tone and style while keeping hold of appropriate context used for their writing.

IGCSE Chinese First Language Future Career Path?

Actor, Anthropologist, Banking, Business Development, Editor, Finance, Human Resource, Journalist, Lawyer
Lecturer, Librarian
Public Relations, Sales and Marketing, Solicitor, Teacher
Translator, Writer



OUTLINE

KEY UNITS

- Reading
 - Comprehension and Use of Language
 - Directed Writing
 - Classical Chinese
- Writing
 - Argumentative/Discursive Writing
 - Descriptive/Narrative Writing

What skills, knowledge and understanding do I need?

Chinese Mandarin First Language would suit native speaker of the language. Expect plenty of reading and writing throughout the course. Students would need to exhibit good writing skills and show accurate use of grammatical structures, punctuation and spelling. Therefore, prior knowledge of the language on secondary and primary levels is an essential attribute for students to take the course. Student should be up to date with the current events as they would need to put forward ideas and be critical when tasked with writing about any subject matter. Having other forms of exposure, while at home or with friends, will more likely improve comprehension and fluency Chinese Mandarin

OBJECTIVES

ASSESSMENT

Paper 1 : Reading, Directed Writing and Classical Chinese (2 hours 15 minutes)

Candidates answer all the questions in three compulsory sections. Candidates write all their answers in the spaces provided on the question paper. Dictionaries may not be used

Paper 2 : Writing (Argumentative/Discursive Writing & Descriptive /Narrative Writing) (2 hours 15 minutes)

Candidates answer two questions, one from each section.

CHINESE MANDARIN SECOND LANGUAGE

(0523)

A DISTINCT LANGUAGE

What will I study

Cambridge IGCSE Chinese as a Second Language will enable learners to become independent users of Chinese and to use Chinese to communicate effectively in a variety of practical contexts. Students are expected to build a sound knowledge of the language skill at the end of the course as a foundation for further study using Chinese as the medium.

What will I learn

Cambridge IGCSE Second Language Chinese Mandarin guide students to be able to extract vital and relevant information from a broader range of materials. Learners would be completing writing tasks on vast range of themes and engage in various speaking activities. Learners will practice everyday context communication including schooling environment, current issue, leisure activities and cultural diversity among others.



OUTLINE

KEY UNITS

- Reading
- Writing
- Listening
- Speaking

What skills, knowledge and understanding do I need?

"To learn a language is to have one more window from which to look at the world." One of the famous Chinese proverb that speaks loudly to learners who are interested in taking Chinese Mandarin as a Second Language. A different language is a different version of life. Learner would need to adapt to the different culture and language skill that this course have to offer. A brief knowledge and interest can take you a long way, but dedication and discipline will get you to the end of the line.

OBJECTIVES

ASSESSMENT

Paper 1 : Reading & Writing

(2 hours)

Written examination consisting of five exercises that test a range of Reading and Writing Skills. Types of task include: information transfer, short-answer questions, multiple-matching, functional writing and extended writing.

Paper 2 : Listening

(1 hours 15 minutes)

The Speaking test consists of three parts: candidates give a two- to three-minute presentation, followed by a short discussion with the examiner about the presentation, followed by a short conversation with the examiner about general topics.

Paper 3 : Speaking

(10-13 minutes)

The Speaking test consists of three parts: candidates give a two- to three-minute presentation, followed by a short discussion with the examiner about the presentation, followed by a short conversation with the examiner about general topics.

CHINESE MANDARIN FOREIGN LANGUAGE

(0547)

BEHIND THE GREAT WALL

What will I study

Learners are encouraged to be able to use a foreign language (Mandarin) as a means of practical communication. Having said that, it is imperative that they gain insight into the culture and civilisation of countries where the language is spoken while capable of applying different learning techniques, such as analysis and memory skills. Furthermore, learners will experience a positive attitude towards language learning, speakers of other languages, and other cultures.

What will I learn

The aim at the end of the course is for students to be able to effectively use this language to communicate in a practical manner. At the same time, students will engage in various roleplays and reading exercises to form a basis of the language. Insights to the nature of language used and practiced in an enjoying and intellectual discussion would encourage positive attitudes to speakers of other language. Apart from that, students would develop transferable skills (e.g. analysis, memorizing or drawing of inferences) to complement other areas of the curriculum.



OUTLINE

KEY UNITS

- Understanding Business Activity
- Everyday activities.
- Personal and social life.
- The world around us.
- The world of work.
- The international world.

What skills, knowledge and understanding do I need?

Students taking Chinese Mandarin Foreign Language would need to take each lesson one day at a time, literally. While an interest in a language is important, we encourage students to immerse themselves in the culture and the language itself. Plenty of reading would give students a better understanding of the workings of vocabulary and grammar works in Mandarin. The ability to work in groups wonderfully especially while enjoying a calligraphy writing session would do one wonders.

OBJECTIVES

ASSESSMENT

Paper 1 : Listening

(35 minutes)

Candidates listen to a number of recordings and answer questions testing comprehension

*Externally assessed

Paper 2 : Reading

(1 hours 15 minutes)

Candidates read a number of texts and answer questions testing comprehension

*Externally assessed

Paper 3 : Speaking

(15 minutes)

Candidates read a number of texts and answer questions testing comprehension

*Externally assessed

Paper 4 : Writing

(1 hours 15 minutes)

Candidates read a number of texts and answer questions testing comprehension

*Externally assessed

ECONOMICS

(0523)

SUPPLY AND DEMAND

What will I study

The Cambridge IGCSE Economics syllabus develops an understanding of economic theories, terminologies and principles. Learners study the economics of different countries and how these interrelate. They also learn to work with simple economics data and to use the tools of economic analysis. Learners apply understanding of economics to current economic issues.

What will I learn

Learners will enjoy the different perspective on economic concepts and theories that applies to a range of economic issues locally, nationally and globally. IGCSE Economics encourages students to conduct research, discuss and investigate how actions of certain parties would affect an industry. It is also a game of numbers and statistics. Students are expected to have the ability to decipher and understand characteristics and patterns of any scenario in any given case study.

OUTLINE

KEY UNITS

- Basic economics: choice and the allocation of resources
- The allocation of resources
- The individual as producer, consumer and borrower
- The private firm as producer and employer
- Role of government in economy
- Economic indicators
- Developed and developing economies:

What skills, knowledge and understanding do I need?

While a lesson in Economics is not as how it would look like in the famous movie, *The Big Short*, basic concept of what economy and how the roles of people and business would get you at the front foot on each lesson. Key skills include reporting and data representation, critical thinking and keeping up with the latest issue and headlines.



OBJECTIVES

ASSESSMENT

Paper 1 : Multiple Choice

(45 minutes)

Candidates answer all 30 multiple-choice questions. Candidates indicate their answers on the multiple choice answer sheet provided. The questions are based on all six sections of the syllabus content. The questions may include calculations.

Paper 2 : Structured Question

(2 hours 15 minutes)

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 six.

ENGLISH

FIRST
LANGUAGE

(0500)

LEADING LANGUAGE

What will I study

Cambridge IGCSE First Language English offers candidates the opportunity to respond with understanding to a rich array of reading texts during the course as a whole. Candidates will use these texts to inform and inspire their own writing, and write in a range of text types for different purposes and audiences. Candidates will develop both their speaking and their listening skills, delivering a presentation, and responding to questions and engaging in conversations. Candidates are encouraged to become appreciative and critical readers, writers, speakers and listeners.

What will I learn

Teaching methods for in-class, hybrid, and online classes include pair and group activities, role plays, analysing texts and reports, individual and group presentations, research, creating videos, using a range of online tools and platforms, and many more.

Differentiated activities and individual assistance are also given to students who may find some exercises challenging in the beginning of the course and are willing to put in the extra effort.

OUTLINE

KEY UNITS

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

What skills, knowledge and understanding do I need?

It is highly recommended that students who wish to study FLE possess strong reading and vocabulary skills. A love for reading is a must in order to gain top marks in this course since the current exams include a range of texts from which the questions are based. Students also need a solid writing background, including knowing how to vary sentence structures and usage of a variety of punctuation marks.



OBJECTIVES

ASSESSMENT

Paper 1 : Reading

(2 hours)

Structured and extended writing questions. Questions will be based on three reading texts. Show that you understand the explicit (more obvious) meanings communicated in a particular text, recognise hints and suggestions in a text to understand the implicit (more subtle) meanings and attitudes and evaluate and analyse the facts, ideas and opinions you read by using, explaining and developing them (and referring to supporting evidence from the text where it is appropriate)

Paper 2 : Listening

(1 hours 15 minutes)

This is the part of the course where your ability to write accurately and effectively, using Standard English appropriately is assessed.. Write convincingly to convey real and imagined experience, thoughts and feelings · Sequence and connect the ideas and opinions effectively within your written response to interest and influence your reader · Use a range of appropriate vocabulary and sentence structures within each written response · Vary your writing to suit the purpose, audience and form of the task · Write accurately, avoiding errors of spelling, punctuation and grammar

LITERATURE IN ENGLISH

(0475)

TO BE OR NOT TO BE

What will I study

Cambridge IGCSE Literature in English offers learners the opportunity to read, interpret, evaluate and respond to a range of literature in English. The range includes drama, prose and poetry from the works of Shakespeare to contemporary literature. This course enables learners to deepen their understanding and appreciation of the ways in which writers use English to express meaning and achieve effects. Cambridge IGCSE Literature in English will stimulate learners to read for pleasure and to explore wider and universal issues, promoting a better understanding of themselves and the world.

What skill knowledge and understanding do I need?

Literature in English made demands for its learner to be able to manage their time wonderfully in planning and researching written literature piece. It would further benefit learner that could work independently or collaborate in groups to finish any task given.

OUTLINE

KEY UNITS

- Show detailed knowledge of the content of literary texts in the three main forms
- Understand the meanings of literary texts and their contexts, and explore texts beyond surface meanings to show deeper awareness of ideas and attitudes
- Recognise and appreciate ways in which writers use language, structure and form to create and shape meanings and effects.
- Communicate a sensitive and informed personal response to literary texts

What will I learn?

Learners will dive into the various literature theme and develop a wider point of view of the world. English literature encourages learners to think critically and stand up to oneself. They will form opinions and convictions through multiple English literature piece and in each lesson, actively participate in discussions or debates.



OBJECTIVES

ASSESSMENT

Paper 1 : Poetry and Prose

(1 hour 30 minutes)

Two questions on two texts: one poetry and one prose

and either

Paper 2 : Drama

(1 hours 30 minutes)

Two questions on two texts

or

Paper 3 : Drama (Open Text)

(45 minutes)

One question on one text

and

Paper 4 : Unseen

(1 hour 15 minutes)

One question requiring critical commentary

ENGLISH AS A SECOND LANGUAGE

SPEAKING
ENDORSEMENT

(0510)

WIDE AND DIPLOMATIC

What will I study

Cambridge IGCSE English as a Second Language is designed for learners who already have a working knowledge of the language and who want to consolidate their understanding in order to progress in their education or career. Through their studies, learners will improve their ability to understand and use English in a range of situations.

The aim is to achieve a level of practical communication ideal for everyday use, which can also form the basis for further, more in-depth language study.

What will I learn

Each lesson emphasizes both language and creativity. Students will work on projects that will build their creativity and critical thinking according to theme or societal issues and concerns. When discussing contemporary issues or exciting themes, debates are a common form of discussion in the classroom. Learners would often analyse themes and events in short stories to develop critical thinking. Further to that, they relate to personal experience and non-fictional texts to help write reports and articles.

OUTLINE

KEY UNITS

- Develop learners' ability to use English effectively for the purpose of practical communication
- Form a solid foundation for the skills required for further study or employment using English as the medium
- Develop learners' awareness of the nature of language and language-learning skills
- Promote learners' personal development.

What skills, knowledge and understanding do I need?

These core skills: reading, writing, listening, and speaking are crucial and interpersonal skills like teamwork and leadership are encouraged during discussions. There will be a constant emphasis on lexical knowledge that will require you to work on targeted reading activities. A strong commitment to reading and analysing issues is significant to creating individuality in writing. Essentially, understanding and interpreting short stories and relating them to real life events whilst displaying creativity is indispensable.



OBJECTIVES

ASSESSMENT

Paper 1 : Reading & Writing (Core)

(1 hour and 30 minutes)

There are six exercises in the question paper. The exercises have different mark allocations, and some exercises consist of a series of sub-questions. Candidates must answer all questions and sub-questions in each exercise.

Paper 2 : Reading & Writing (Extended)

(2 hours)

There are six exercises in the question paper. The exercises have different mark allocations, and some exercises consist of a series of sub-questions. Candidates must answer all questions and sub-questions in each exercise.

Paper 3 : Listening (Core)

(40 minutes)

Each question tests listening comprehension of recorded texts (e.g. dialogues, announcements, conversations, talks) on a CD played in the examination room. Candidates may hear each text twice

FRENCH

FOREIGN
LANGUAGE

OUTLINE

KEY UNITS

- Everyday activities
- Personal and social life
- The world around us
- The world of work
- The international world



What skills, knowledge and understanding do I need?

It is recommended that students wanted to undertake this course have studied a French curriculum at Lower Secondary level or equivalent national educational framework. They would also need to leave their comfort zone of their own native language and have courage to practice French in their everyday life. Student could benefit from the materials and tools of the language and its culture that are shared from the teacher in each lesson.

OBJECTIVES

ASSESSMENT

Paper 1 : Listening (45 minutes)

Candidates listen to a number of recordings and answer multiple-choice and matching questions.

*Externally assessed

Paper 3 : Speaking (10 minutes)

Candidates complete one role play and conversations on 2 topics.

*Externally assessed

Paper 2 : Reading (1 hour)

Candidates read a number of texts and answer multiple-choice and matching questions as well as questions requiring short answers.

*Externally assessed

Paper 4 : Writing (1 hour)

Candidates complete one form-filling task, one directed writing task and one task in the format of an email/letter/blog.

*Externally assessed

(0520)

BONJOUR

What will I study

This course is designed for International students who are learning French as a foreign language. The aim is to develop an ability to use the language effectively for practical communication. The course is based on the linked language skills of listening, reading, speaking and writing, and these are built on as learners' progress through their studies. Providing insights into the culture and civilization of French, lessons would foster good attitudes toward speakers of other language

What will I learn

Students would exercise vocabulary and grammar through various lessons focusing on 4 pillars (Speaking, Listening, Writing and Reading). in the 2 years of French IGCSE, basic communication such as ice breaker conversation, friends and family description and giving direction and instruction will be starting point. Learners would listen to conversation in French, collaborate in role-playing exercise, The language gym provides tons of example and exposure to lessons.

IGCSE OPTIONS INFORMATION

GEOGRAPHY

OUTLINE

KEY UNITS

- Population and Settlement
- The Natural Environment
- Economic Development



What will I learn?

Lessons will use theoretical explanation, coupled with videos and group discussions. Students will be exposed to the happenings of the world through case study enquiries. To help students stay current, they are encouraged to listen to the daily BBC Global News podcast, where the day's top stories are delivered. We will use practical instruments where necessary, i.e. when studying weather and climate. A3 coloured maps are used in class where students can practice their map skills. Everyone will have a hand in exploring, calculating and measuring topographic maps. To engage students further, learning is also conducted outside the classroom. There will be Geographical Investigations carried out to allow students to experience the practicality of conducting field studies. Students will design, conduct and present the result of their study. All lessons are always followed by practicing past year questions.

OBJECTIVES

ASSESSMENT

Paper 1 : Geographical Theme (1 hour 45 minute)

Candidates answer three questions, each worth 25 marks. Candidates must answer one question from each section.

*Externally assessed

Paper 4 : Alternative to Coursework (1 hour 30 minute)

Candidates answer two compulsory questions, completing a series of written tasks

*Externally assessed

Paper 2 : Geographical Skills (1 hour 30 minute)

Candidates answer all questions

*Externally assessed

(0523)

UNIVERSE AND ITS SYSTEM

What will I study

Through the Cambridge IGCSE Geography syllabus, learners will develop a 'sense of place' by looking at the world around them on a local, regional and global scale. Learners will examine a range of natural and man-made environments, and study some of the processes which affected their development. To gain a deeper insight into the colourful community that exist around the world, students will look into the present opportunity and challenges of each culture.

What skills, knowledge and understanding do I need?

Geography is a subject for you if you have an appreciation of the earth including its people, places, landscapes, natural processes and phenomena. A prior knowledge of KS3 Geography will be helpful but not necessary. If you are an inquisitive and analytical person, you will enjoy the subject. The IGCSE Geography syllabus will test your knowledge and grasp, skills and decision making.

HISTORY

OUTLINE

KEY UNITS

The twentieth century: international relations since 1919

- Peace treaties of 1919–23
- League of Nations success extent
- International Peace collapse in 1939
- Cold War
- USSR control over Eastern Europe
- Depth Study: Germany 1914–1945



How will I learn?

Students are required to develop an understanding of the subject via causes and effects, conformity's and changes and similarities and differences. They will need to know when and how to use and understand historical evidences as part as their studies

OBJECTIVES

ASSESSMENT

Component 1: Paper 1 (2 hours)

Learners answer 2 questions from the core content and one question from on their depth study

Component 2: Paper 2 (2 hours)

Learners answer 6 source-based questions on a topic from the core content

Component 3 : Coursework

Learners produce one piece of extended writing, up to 2000 words based on content taken from any of the Depth Studies.

Written Paper (1 hour)

Learners answer one question from a choice of 2 on their Depth Study.

(0470)

THE PROCESSION OF THE PRESENT

What will I study

The History IGCSE syllabus looks at some of the major international issues of the twentieth century, as well as covering the history of particular regions in more depth. The emphasis is on knowledge and on the skills required for historical research. Learners learn about the nature of cause and effect, continuity and change, similarity and difference and find out how to use and understand historical evidence as part of their studies. The course will stimulate any learner already interested in the past, providing a basis for further study, and also encouraging a lifelong interest in the subject.

What will I learn

Besides learning in depth historical events of the 19th and 20th centuries which includes an study of a particular region, the course aims to stimulate any learner already interested in the past. It provides a basis for further in depth studies and encourages a lifelong interest in the subject.

INFORMATION AND COMMUNICATION TECHNOLOGY

OUTLINE

KEY UNITS

- Types and components of computer systems ●
- Input and output devices ● Storage devices and media ● Networks and the effects of using them ●
- The effects of using IT ● ICT applications ● The systems life cycle ● Safety and security ● Audience ●
- Communication ● File management ● Images ● Layout ● Styles ● Proofing ● Graphs and charts ●
- Document production ● Data manipulation ● Presentations ● Data analysis ● Website authoring



How will I learn

ICT learners will gain knowledge and skills needed to effectively apply, use and manage technology when solving problems specifically related to information and communication. The subject involves commitment of you understanding the impact of current and new technologies on methods of working in the outside world. As for practical, there are no prerequisite skills required, so as long you can operate your computer; learners will find this course provides you with the ability to use a broad range of ICT skills that are very useful to their future jobs world.

OBJECTIVES

ASSESSMENT

Paper 1 : Theory

(2 hours)

Questions will be based on sections 1–21 of the subject content.

*Externally assessed

Paper 2 : Listening

(2 hours 30 minutes)

Document Production, Data Manipulation and Presentations. This test assesses the practical skills needed to use the applications covered in sections 17, 18 and 19 of the subject content Candidates must demonstrate the practical skills relevant to sections

Paper 3 : Data Analysis and Website

Authoring

(2 hours 30 minutes)

This test assesses the practical skills needed to use the applications covered in sections 20 and 21 of the subject content Candidates must demonstrate the practical skills relevant to sections 11–16 All tasks are compulsory

*Externally assessed

(0471)

THE WORLD WIDE WEB

What will I study

The Information Communication Technology syllabus encourages learners to develop lifelong skills, which will be useful to them in their work across the curriculum and prepare them for future employment. They will develop understanding of the implications of technology in society, including social, economic and ethical uses and awareness of the ways ICT can help in home, learning and work environments.

What will I learn

The best way to learn anything is to do it. 60% of the course includes hands-on practice with word processors, spreadsheets, databases, presentation software, web browsers, and website design. These abilities are typically acquired by practise with past year papers and practical exercises.

For theory, some ways that learners will learn are by demonstration – a look inside a computer case to understand its various parts of hardware. Learners also create network models in group or as an individual to understand different types of networks.

OUTLINE

KEY UNITS

- Reading
- Writing
- Listening
- Speaking



What skills, knowledge and understanding do I need?

The syllabus recommends that keen students should have prior knowledge and have studied Malay language curriculum such as Cambridge Lower Secondary program or equivalent national educational framework such as UPSR or PT3 (formerly known as PMR). Students who enjoys reading and writing long narrative, especially in Malay, will be enjoying a cruise journey to A*. This course does not focus on any specific topic, and places no limitations on the topics addressed in Reading and Writing papers, beyond the normal requirements of appropriateness and interest.

OBJECTIVES

ASSESSMENT

Paper 1 : Reading & Directed Writing
(2 hours)

Section 1

Candidates respond to a series of sub-questions based on Text A, a fiction text. There will be comprehension questions worth a total of 16 marks, and 9 additional marks relating to figurative language, the author's use of language and structure, and the effect these have.

Section 2

Candidates answer one compulsory question; use and evaluate the information in the two texts to create an argumentative/discursive letter, article or speech. Candidates write a response of about 250–350 words.

*Externally assessed

Paper 2 : Composition (Writing)
(2 hours)

Candidates answer one question from a choice of four titles: two argumentative and two discursive and

Candidates answer one question from a choice of four titles: two descriptive and two narrative.

(0696)

BAHASA JIWA
BANGSA

What will I study

Cambridge IGCSE First Language Malay will encourages learners to read a variety of texts and improve their use and style of language in range of contexts. Learners develop the ability to understand and respond to what they read and to communicate effectively in writing. These skills equip them for progression to further study or employment. Cambridge IGCSE First Language Malay offers candidates the opportunity to respond knowledgeably to a range of reading texts during the course as a whole. Candidates will use some of these texts to inform and inspire their own writing and write in a range of text types for different purposes and audiences.

What will I learn

This course is highly recommended for speakers who are comfortable with Malaysia's national language, Bahasa Malaysia. Students will learn how to convey their train of thoughts, emotions, imaginations and explore the theme and mood while working on essay or written exercise. An emphasis will be put on student's capacity to use spelling, punctuation and grammar correctly while introducing them to different genres of reading material. These material are handpicked to support their learning phase by introducing them to wider range of appropriate vocabulary.

MALAY

FOREIGN
LANGUAGE

OUTLINE

KEY UNITS

- Everyday Activities
- Personal and Social Life
- The World Around us
- The World of Work
- The International World



(0546)

DIMANA BUMI
DIPIJAK

What will I study

Cambridge IGCSE Malay will encourage learners to develop lifelong skills, including the ability to use foreign language as a means of practical communication, insight into the culture and civilisation of countries where the language is spoken and a positive attitude towards language learning, towards the speakers of other languages, and towards other cultures and civilisations. Aside from that, students would be able to apply additional learning approaches such as analytical and memory skills, providing a solid basis for progression to further studies.

What will I learn

The ultimate goal of this course is to be able to effectively use this language as a means of communication. This course will look into building a sound knowledge of Malay through listening, reading, speaking and writing as they progress week by week. Student will participate in various exciting learning activity aim to offer insights into the culture and the nation where the language is spoken.

What skills, knowledge and understanding do I need?

Students interested in this course would need to enhance their ability to communicate in speech or writing. A good grasp on vocabulary, grammar and spelling will be useful in gaining better understanding of each lesson. Throughout this course, students are encourage to practice the language in and out of class in ensuring that they would be able to comprehend their knowledge and use the range of the language in everyday conversation

OBJECTIVES

ASSESSMENT

Paper 2 : Reading

(1 hour)

Candidates read a number of texts and answer questions testing comprehension.

*Externally assessed

Paper 4 : Writing

(1 hours 15 minutes)

Candidates respond in the target language to three tasks.

*Externally assessed

Paper 3 : Speaking

(15 minutes)

Candidates complete two role plays, a topic presentation/conversation and a general conversation.

*Internally assessed/ externally moderated

IGCSE OPTIONS INFORMATION

MATHEMATICS

OUTLINE

KEY UNITS

- Number
- Algebra, graphs and coordinated geometry
- Geometry, mensuration, trigonometry & Vectors and Transformations
- Probability and Statistics



(0580)

A GAME OF NUMBERS

What will I study

An essential subject for all learners, Cambridge IGCSE Mathematics encourages the development of the knowledge as a key life skill. The syllabus aims to build learners' confidence by helping them develop competence and fluency with mathematical concepts, methods and skills, as well as a feel for numbers, patterns and relationships. The syllabus also places a strong emphasis on solving problems and presenting and interpreting results. Learners also gain an understanding of how to communicate and reason using mathematical concepts.

What will I learn

In this course students will be exercising logic, identify problem clearly and lay out each working steps which apply appropriate technique or formula to solve mathematical issue. Mathematics hover student to an understanding that work around numbers, geometry, probability and statistic along with countless formula in 'cracking the case'. At the end of the term, students should be able to assess these cases and determine the correct response to engage it with.

Where could Mathematics take you next?

Mathematics underpins the world around us and a good understanding of maths will help with many everyday life activities. Many other subjects have mathematical elements so IGCSE Maths will help to support further studies in Science, Geography, Psychology, Economics and many more. Careers which require a good mathematical foundation include accountancy and finance, science and medicine, engineering and social sciences: the opportunities are endless!

OBJECTIVES

ASSESSMENT

Paper 1

(1 hour 30 minutes)

*Externally assessed

Paper 2 : Extended

(2 hours and 30 minutes)

*Externally assessed

MATHEMATICS - ADDITIONAL

OUTLINE

KEY UNITS

- Functions ● Quadratic functions ● Equations, inequalities and graphs ● Indices and surds ● Factors of polynomials ● Simultaneous equations ● Logarithmic and exponential functions ● Straight line graphs ● Circular measure ● Trigonometry ● Permutations and combinations ● Series ● Vectors in two dimensions ● Differentiation and integration



(0606)

POETRY OF LOGICAL IDEA

What will I study

IGCSE Additional Mathematics is an optional mathematics course designed to extend the mathematical skills, knowledge and understanding developed in the IGCSE Mathematics course, and allow the student to learn and apply more advanced techniques. This course helps learners to develop a feel for quantity, patterns and relationships. Learners will develop their reasoning, problem-solving and analytical skills in a variety of contexts.

At Sri KDU Subang Jaya, if you take Additional Mathematics you will be required to take IGCSE Mathematics in summer 2020 (a year sooner than you normally would) It is only available to learners who can demonstrate the mathematical ability to cope with this demanding course, as per Cambridge recommendations.

Where could Additional Mathematics take you next?

Completing the Cambridge Additional Mathematics syllabus will definitely help students to stand out from their peers when preparing them for Mathematics and Further Mathematics at A Level. In addition to this when applying to Universities it is sure to attract praise and distinction for it is known for both its rigour and challenge. Studying Additional Mathematics will equip students with a solid foundation thereby allowing them to pursue a degree pathway in the technical sciences (Mathematics, Atomic Physics, Quantum Mechanics, Aeronautical Engineering, Mechatronics etc.) with a lot more confidence.

OBJECTIVES

ASSESSMENT

Paper 1
(1 hour 30 minutes)

*Externally assessed

Paper 2
(2 hours and 30 minutes)

*Externally assessed

MUSIC

OUTLINE

KEY UNITS

- Rudiments ● Melody and rhythm
- Harmony ● Compositional devices
- Ensembles and instruments/voices
- Instrumental and/or vocal effects
- Structure ● Texture
- Style ● Genre



Further study and careers:

IGCSE Music is a good preparation for further musical study and a solid foundation for IB DP Music or AS/A Levels in Music and Music Technology. You may wish to take a IGCSE in Music for its own sake, perhaps to form the basis of a future interest. Alternatively, you may wish to go into a job where it is useful to have had experience of music or where you will need to use some of the skills developed during this course. These might include careers in the music industry, publishing, entertainment and teaching or any job which involves communication and expressive skills.

OBJECTIVES

ASSESSMENT

Assessment 1 : Performance

Candidate perform two pieces either vocal or instrumental. One piece is a Solo performance with piano accompaniment, if appropriate. The second piece must be an independent part in an ensemble with a minimum of 3 players. (2 pieces – 3 minutes minimum timing for both together)

Assessment 2 : Composition

Learners submit two compositions in contrastingly different styles based on any of the four main areas of study. (2 pieces – 3 minutes minimum for both)

*Externally assessed

Assessment 3: Listening Paper (1 hours 30 minutes)

Learners are required to answer questions on different pieces of music from the 16th Century to the present day and from anywhere around the world. There are four main areas of study: Instrumental Music 1700-1820; Vocal Music; Music for Stage and Screen; Fusions.

(0410)

COLOURS OF SOUND

What will I study

When studying the Cambridge IGCSE Music syllabus, learners listen to, perform and compose music, encouraging aesthetic and emotional development, self-discipline and, importantly, creativity. As a result, learners enhance their appreciation and enjoyment of music, an achievement that forms an ideal foundation for future study and enhances life-long musical enjoyment. Learners study music of all styles; each style is placed in its historical and cultural context, and they are encouraged to be perceptive, sensitive and critical when listening. Although the majority of the syllabus examines Western European music, the music of other cultures is always represented.

How Will I Learn?

Learners are expected to take up all opportunities to get involved in music ensembles to enhance their performing skills. Learners need to develop an appreciation of various styles of music and, as a stimulus, to understand the composing process. They will need to listen widely to different genres of music to understand the process.

PHYSICAL EDUCATION

OUTLINE

KEY UNITS

- Anatomy and Physiology
- Health, fitness and training
- Skill Acquisition and Psychology
- Social, cultural and ethical influences



What skills, knowledge and understanding do I need?

Students with active sporting background would benefit from taking IGCSE PE course. Many of the lessons are conducted hands-on while relying on theory class sessions to gain in-depth understanding of the subject earlier on.

Good communication skill and keen eye to draw analysis and evaluation are strong key points that will make this course a downhill battle and brighten students career path with physical education knowledge. In addition, students will find their Science lesson involving anatomy and few others very relatable to PE and would make the most of both subjects.

OBJECTIVES

ASSESSMENT

Component 1 : Written Exam

(1 hour 45 minutes)

The examination assesses candidates' knowledge and understanding in relation to the syllabus content. Candidates are required to demonstrate skills of description, interpretation and evaluation.

*Externally assessed

Component 2 : Coursework

The coursework component assesses candidates' performance in four physical activities from at least two of the seven categories: Games, Gymnastics, Dance, Athletic, Outdoor and Adventurous Activities, Swimming and Combat Activities

*Externally assessed

(0413)

LET'S GET PHYSICAL

What will I study

The syllabus provides learners with an opportunity to study both the practical and theoretical aspects of physical education. It is designed to encourage enjoyment in physical activity by providing learners with an opportunity to take part in a range of physical activities and develop an understanding of effective and safe physical performance. This helps learners to develop an appreciation of the necessity for sound understanding of the principles, practices and training that underpin improved performance, better health and well-being.

What will I learn

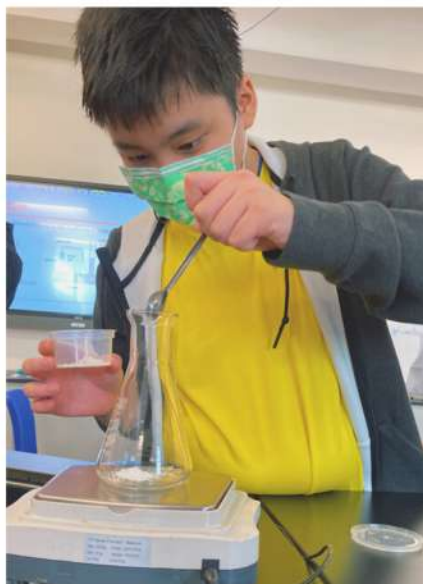
IGCSE PE learners will dive into the theoretical principles that supports any physical activities or sports. This course will guide students to be able to incorporate such theory and demonstrate those appropriate practices to gain effective and positive results.

SCIENCE - COMBINED*

OUTLINE

AIMS OF THE COURSE

- To provide an enjoyable and worthwhile educational experience for all learners, whether or not they go on to study science beyond this level
- To enable learners to acquire sufficient knowledge and understanding to: – become confident citizens in a technological world and develop an informed interest in scientific matters – be suitably prepared for studies beyond Cambridge IGCSE
- To allow learners to recognise that science is evidence-based and understand the usefulness, and the limitations, of scientific method



How will I learn

Students will look into developing skills that would enable them to better understand the science of everyday life via systematic approach to solve problem. Through an efficient and safe scientific practice, students will be exposed to the various scientific term and language. At the end of the course, student would comprehend that the application of science are both beneficial and detrimental to the individual, the community and the environment.

OBJECTIVES

ASSESSMENT

Students sitting this examination will qualify with one IGCSE. Mrs Willis will use assessment data to date and end of year assessment papers to select for this subject.

(0653)

TODAY FOR TOMORROW

What will I study

Cambridge IGCSE Combined Sciences gives learners the opportunity to study Biology, Chemistry and Physics, each covered in separate syllabus sections. It is a single award qualification, earning one grade. 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.

What will I learn

Practical skills and investigations are integral to a student's grasp of theoretical concepts. The course is supported by a set of core practical activities, as well as a range of bespoke practical work designed for our students. The design of such lessons encourages students to develop scientific skills in five main areas: practical skills; mathematical skills; analysis and evaluation skills; application of knowledge and extended writing.

SCIENCE - COORDINATED*

OUTLINE

KEY UNITS

A combination of Biology, Chemistry and Physics covered separately in One Syllabus while earning Two Grades



How will I learn

Scholars will learn how science is studied and practiced thus becoming more aware that the results of scientific research can have both good and bad effects on individual, communities and the environment. As well as focusing on individual sciences, the syllabus helps learners understand the technological world in which they live and take an informed interest in science and scientific developments.

OBJECTIVES

ASSESSMENT

AO1: Knowledge with understanding

Questions testing this assessment objective will often begin with one of the following words: define, state, describe, explain (using your knowledge and understanding) or outline

AO2: Handling information and problem solving

Questions testing these skills will often begin with one of the following words: predict, suggest, calculate or determine

AO3: Experimental skills and investigations

(0654)

DOUBLE THE FUN

What will I study

Learners will gain an understanding of the basic principles of each science subject through a mix of theoretical and practical studies while also developing an understanding of the scientific skills essential for further study. These would allow the course to be run in a way that allows students to process information more carefully and helps them integrate their learning to a higher degree.

What will I learn?

Practical skills and investigations are integral to a student's grasp of theoretical concepts. The course is supported by a set of core practical activities, as well as a range of bespoke practical work designed for our students. The design of such lessons encourages students to develop scientific skills in five main areas: practical skills; mathematical skills; analysis and evaluation skills; application of knowledge and extended writing

IGCSE OPTIONS INFORMATION

SINGLE SCIENCES

(0610) BIOLOGY

Dive into the diverse family of organisms, Biology explains the various physical composition which covers chemical structure, function, development and evolution. Student will engage into theoretical learning which will be transmitted through group and individual hands on activities.

(0620) CHEMISTRY

As learners progress through Cambridge IGCSE Chemistry, learners would have a clear idea of the limitations and practical scientific method and how to apply Principle of Chemistry in other subjects and in everyday life.

(0625) PHYSICS

The study of matter, energy and its interaction, Physics highlight important issue and through observation and experimentation, solves them. Connecting dots and idea of the surroundings and unravel connection of various theories

Taking this qualification will result in 3 IGCSEs. This option will be given to you based on assessment data to date and your end of year 9 assessment grade.

This option will not be given to everyone.

BIOLOGY

(0610)

LIGHT OF EVOLUTION

What will I study?

Dive into the diverse family of organisms, Biology explains the various physical composition which covers chemical structure, function, development and evolution. Student will engage into theoretical learning which will be transmitted through group and individual hands on activities.

Cambridge IGCSE Biology enables learners to:

- Increase their understanding of the technological world
- Take 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 an interest in, and care for, the environment
- Better understand the influences and limitations placed on scientific study by society, economy, technology, ethics, the community and the environment.

OUTLINE

AIMS

- Provide an enjoyable and worthwhile educational experience for all learners, whether or not they go on to study science beyond this level
- Enable learners to acquire sufficient knowledge and understanding to: – become confident citizens in a technological world and develop an informed interest in scientific matters – be suitably prepared for studies beyond Cambridge IGCSE
- Allow learners to recognise that science is evidence based and understand the usefulness, and the limitations, of scientific method
- Develop skills that: – are relevant to the study and practice of biology – are useful in everyday life – encourage a systematic approach to problem solving – encourage efficient and safe practice – encourage effective communication through the language of science
- Enable learners to appreciate that: – science is subject to social, economic, technological, ethical and cultural influences and limitations
- The applications of science may be both beneficial and detrimental to the individual, the community and the environment.



OBJECTIVES

ASSESSMENT

Paper 1 - Multiple Choice (45 minutes)

*Externally assessed

Paper 3 - Theory (1 hour 15 minutes)

*Externally assessed

Paper 5 - Practical Test (1 hour 15 minutes)

*Externally assessed

Paper 2 - Multiple Choice (45 minutes)

*Externally assessed

Paper 4 - Theory (1 hour 15 minutes)

*Externally assessed

Paper 2 - Alternative to Practical (1 hour)

*Externally assessed

CHEMISTRY

(0620)

STUDY OF MATTER

What will I study?

As learners progress through Cambridge IGCSE Chemistry, learners would have a clear idea of the limitations and practical scientific method and how to apply Principle of Chemistry in other subjects and in everyday life.

Cambridge IGCSE Chemistry enables learners to:

- Increase their understanding of the technological world
- Take 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
- Develop an 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

IGCSE GUIDED CHOICES | PG27

OUTLINE

AIMS

- Provide an enjoyable and worthwhile educational experience for all learners, whether or not they go on to study science beyond this level
- Enable learners to acquire sufficient knowledge and understanding to: – become confident citizens in a technological world and develop an informed interest in scientific matters – be suitably prepared for studies beyond Cambridge IGCSE
- Allow learners to recognise that science is evidence based and understand the usefulness, and the limitations, of scientific method
- Develop skills that: – are relevant to the study and practice of chemistry – are useful in everyday life – encourage a systematic approach to problem solving – encourage efficient and safe practice – encourage effective communication through the language of science
- Develop attitudes relevant to chemistry such as: – concern for accuracy and precision – objectivity – integrity – enquiry – initiative – inventiveness
- Enable learners to appreciate that: – science is subject to social, economic, technological, ethical and cultural influences and limitations – the applications of science may be both beneficial and detrimental to the individual, the community and the environment.



OBJECTIVES

ASSESSMENT

Paper 1 - Multiple Choice (45 minutes)

*Externally assessed

Paper 3 - Theory (1 hour 15 minutes)

*Externally assessed

Paper 5 - Practical Test (1 hour 15 minutes)

*Externally assessed

Paper 2 - Multiple Choice (45 minutes)

*Externally assessed

Paper 4 - Theory (1 hour 15 minutes)

*Externally assessed

Paper 2 - Alternative to Practical (1 hour)

*Externally assessed

PHYSICS

(0625)

BRANCH OF FORMULA

What will I study?

The study of matter, energy and its interaction, Physics highlight important issue and through observation and experimentation, solves them. Connecting dots and idea of the surroundings and unravel connection of various theories

Cambridge IGCSE Physics enables learners to:

- Increase their understanding of the technological world
- Take an informed interest in scientific matters
- Recognise the usefulness (and limitations) of scientific method, and how to apply in everyday life
- Develop relevant attitudes, such as a concern for accuracy and precision, objectivity, integrity, enquiry, initiative and inventiveness
- Develop an 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

IGCSE GUIDED CHOICES | PG28

OUTLINE

AIMS

- Provide an enjoyable and worthwhile educational experience for all learners, whether or not they go on to study science beyond this level
- Enable learners to acquire sufficient knowledge and understanding to: – become confident citizens in a technological world and develop an informed interest in scientific matters – be suitably prepared for studies beyond Cambridge IGCSE
- Allow learners to recognise that science is evidence based and understand the usefulness, and the limitations, of scientific method
- Develop skills that: – are relevant to the study and practice of physics – are useful in everyday life – encourage a systematic approach to problem solving – encourage efficient and safe practice – encourage effective communication through the language of science
- Develop attitudes relevant to physics such as: – concern for accuracy and precision – objectivity – integrity – enquiry – initiative – inventiveness
- Enable learners to appreciate that: – science is subject to social, economic, technological, ethical and cultural influences and limitations – the applications of science may be both beneficial and detrimental to the individual, the community and the environment.



OBJECTIVES

ASSESSMENT

Paper 1 - Multiple Choice (45 minutes)

*Externally assessed

Paper 3 - Theory (1 hour 15 minutes)

*Externally assessed

Paper 5 - Practical Test (1 hour 15 minutes)

*Externally assessed

Paper 2 - Multiple Choice (45 minutes)

*Externally assessed

Paper 4 - Theory (1 hour 15 minutes)

*Externally assessed

Paper 2 - Alternative to Practical (1 hour)

*Externally assessed



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