

RAINBOW INTERNATIONAL SCHOOL OPTIONS BOOKLET



**WELCOME TO KEY
STAGE 5**

The official RISU subject information booklet

INTRODUCTION

Dear Students and Parents,

The time has come for you to think carefully about your choice of subjects to study in years 12 & 13. The advantage you have is that you can always rely on your teachers to help you in your decision making. Parents too can advise but please remember at the end of the day you should be the one who decides.

Factors to consider could include :-

- What you're good at (you are always likely to get a better result)**
- What you enjoy (it is important you enjoy the subject)**
- Your subject combination (have a balance)**
- What you need for further study (University/career)**
- Last but not least, ask for advice and talk to your teachers, they can guide you on what's best for you.**

Dear Students and Parents,

**Kind regards,
Mr Jones**



Option choice is not always easy, but it is important.

**Giving
students choice allows them to take ownership of their
learning.**

**Students, it is important to find out as much as you can
about the subjects and courses open to you - this booklet
gives you information you need and your subject
teachers**

**will help you as well. Please be positive and realistic
about
what you can achieve and think ahead, about how useful
subjects and courses will be to you in the future.
So, it is worth putting in the time to think them through
properly and plan ahead.**

**All the best,
Mrs.Bisasso**

WELCOME TO YEAR 12/13

All students will study PE, careers and PSHE. In addition, to standard study we have numerous enrichment clubs including support for SAT. We have numerous other opportunities from global debating competitions, outreach programmes and many strong sporting and performing arts opportunities.

WHY US?

Why Rainbow?

We hold the biggest University Fair in Kampala and our students are regularly awarded scholarships and places at world class universities. We liaise with higher education centres all over the world and our students go on to study throughout the world.



9700 BIOLOGY

WHY STUDY BIOLOGY?

The subject equips learners with many skills including analytical thinking, communication, report-writing laboratory and field experiments, working in a team and mathematical problem solving techniques.

ASSESSMENT:

At AS Level, learners sit for three written examinations namely:

Paper 1 - Multiple Choice Questions

Paper 2 - Structured Questions

Paper 3 - Practical Test

AS Level is graded from a⁺ (highest) to e⁺ (lowest).

At A2 Level, learners sit for two written examinations namely:

Paper 4 - Structured Questions

Paper 5 - Planning, Analysis & Evaluation

Results from these are added to AS Level results from the previous year and graded from A* (highest) to E (lowest).

Requirements:

Prospective learners should have at least grade C at IGCSE in Biology, Chemistry, English and Mathematics.

Contact:

Name: Mrs Grace Geria

Email: ggeria@risu.sc.ug



EXAMINATION BOARD:

Cambridge International Examinations

<https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-international-as-and-a-level-biology=9700/>

CAREER OPPORTUNITIES:

Environmental health professionals may be known as environmental health officers, public health inspectors, environmental health specialists, environmental health practitioners, or sanitarians.

AS / A LEVEL BUSINESS STUDIES

The syllabus enables students to understand and appreciate the nature and scope of business, and the role it plays in society. It encourages students to examine the process of decision-making in a dynamic and changing business environment and to develop critical understanding of business organisations. They learn about business and its environment, human resource management, marketing, operations management and finance and accounting. At Cambridge International A Level, students also learn how to develop a business strategy.

HOW IS IT ASSESSED?

For Cambridge International AS & A Level Business studies, candidates take Papers 1 and 2 only (for the Cambridge International AS Level qualification)

Or

Follow a staged assessment route by taking Papers 1 and 2 (for the Cambridge International AS Level qualification) in one series, then Papers 3 (for the Cambridge International A Level qualification) in a later series

Or

Take Papers 1, 2 and 3 in the same examination series (for the Cambridge International A Level qualification).

All components are externally assessed.

The Curriculum covers the following aspects:

- Business and the environment
- People in organisation
- Marketing
- Operations Management
- Finance and Accounting
- Strategic Management.

EXAM BOARD

- The examination board is Cambridge Assessment International Education (CAIE) from the United Kingdom. Its runs the examination in summer (June/July) and in winter (October/November). Rainbow school our main siting is in summer. The curriculum covers the following aspects.

SECRET TO SUCCESS IN THE SUBJECT? - WHAT STUDENTS NEED TO BE PREPARED TO DO.

Studying Business is about decision making in a business context. Learners will build up a wealth of knowledge about businesses to aid decision-making. They will be expected to apply this knowledge to given data, case studies and real world examples. Simply having knowledge is not enough, however, and it is the skills of analysis and evaluation, which we all use to make decisions, that lie at the heart of the Cambridge International AS & A Level Business syllabus.

<https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-international-as-and-a-level-business-9609/>

For more information, contact:
Mr. Kennedy Musau - kmusau@risu.sc.ug



9701 CHEMISTRY

WHY STUDY CHEMISTRY?

The subject equips learners with many skills including analytical thinking, communication, report-writing laboratory and field experiments, working in a team and mathematical problem solving techniques.

ASSESSMENT:

At AS Level, learners sit for three written examinations namely:

Paper 1 - Multiple Choice Questions

Paper 2 - Structured Questions

Paper 3 - Practical Test

AS Level is graded from a⁺ (highest) to e⁺ (lowest).

At A2 Level, learners sit for two written examinations namely:

Paper 4 - Structured Questions

Paper 5 - Planning, Analysis & Evaluation

Results from these are added to AS Level results from the previous year and graded from A* (highest) to E (lowest).

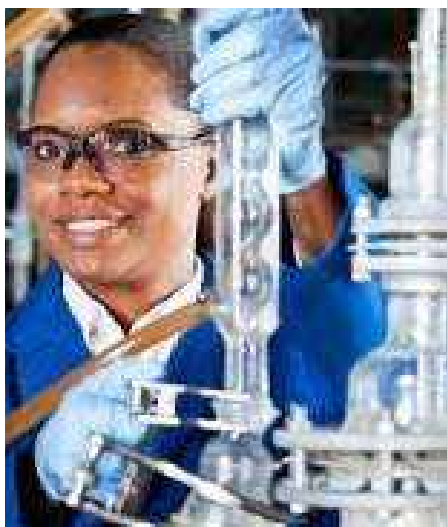
Requirements:

Prospective learners should have at least grade C at IGCSE in Chemistry, English and Mathematics.

Contact:

Name: Mr Muhammad Kiberu

Email: mkiberu@risu.sc.ug



EXAMINATION BOARD:

Cambridge
International
Examinations

<https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-international-as-and-a-level-chemistry-9701/>

CAREER OPPORTUNITIES:

Career opportunities are in Medicine, Biomedical Sciences, Dentistry, Pharmacy, Biochemistry, Aerospace Engineering, Civil Engineering, Chemical Engineering, Petroleum Engineering, Pharmacology, Research, Education and Food Science Technology among others.

9618 AS / A LEVEL COMPUTER SCIENCE

WHY STUDY COMPUTER SCIENCE?

Studying Cambridge international AS and A level computer science at RISU encourage learners to meet the needs of higher education courses in computer science as well as twenty-first century digital employers. It encourages learners to think creatively, through applying practical programming solutions, demonstrating that they are effective users of technology.

ASSESSMENT:

COMPONENT	WEIGHTING	
	AS-LEVEL	A2-LEVEL
Paper 1: This is a theory paper that covers all content from As-Level. All questions are compulsory. 90 marks	50%	25%
Paper 2: This is a practical paper that covers the practical content from As-Level. All tasks are compulsory. 110 marks	50%	25%
Paper 3: This is a theory paper that covers all content from As-Level. All questions are compulsory. 90 marks	-	25%
Paper 4: This is a practical paper that covers the practical content from As-Level. All tasks are compulsory. 110 marks	-	25%

HOW TO BE SUCCESSFUL IN COMPUTER SCIENCE

What does it take to be successful in the subject? Computer science is mainly a practical subject and will always focus on how the acquired knowledge is applied to solve problems using pseudo-code and programming skills in Java or Python. This means that the subject requires the learner to continuously apply the skills acquired during lessons. Being able to work on your own and independently motivate yourself is great, and you'll need that. However, Teamwork is also a very vital aspect of the subject.

CAREERS IN COMPUTER SCIENCE:

Some of the careers in computer science include: Cloud architect, hardware engineer, graphics designer, computer systems analyst, database administrator, geographic information systems technician, web developer, network administrator, user interface designer, forensic investigator and many more.

For more information,
contact:
Mr. Wasukira S. Lawrence
Subject coordinator
lwasukira@risu.sc.ug



ECONOMICS

WHY STUDY ECONOMICS?

Cambridge International AS & A Level Economics encourages learners to explore concepts and theories which can be applied to the way that modern economies work. Economics enables learners develop the ability to explain, evaluate and analyze economic issues and arguments. More broadly, economics helps to prepare you for careers that require numerical, analytical and problem solving skills - for example in business planning, marketing, research and management. Economics helps you to think strategically and make decisions to optimize the outcome. A' level economics therefore imparts lifelong skills and leads to a solid foundation for further study.

SECRET TO SUCCESS IN ECONOMICS?

The most important undertaking for any economics student is that observing the connections between economic studies and real-life events reinforces one's love for the subject. The best advice is: "Read the news regularly". Developing a news-reading habit, will be useful to anyone studying economics at A' level, because they'll have more examples to use when answering long, structured essay questions.

However, having informed ideas does not guarantee exam success. It is therefore equally important to effectively and strategically present those ideas - and the only way to have this is to practice writing essays and doing multiple choice questions.

Try and to do at least eight years' worth of past papers, this is over the two year program and this really boosts one's understanding in the subject and by looking at the marking scheme, you familiarise yourself with the approaches and answers that the exam board is looking for."



After succeeding with high grades, you could be invited to the awards evening

EXAM BOARD

The examination board is Cambridge Assessment International Education (CAIE) from the United Kingdom. It runs the examination in summer (June/July) and in winter (October/November). Rainbow school our main sitting is in summer. The curriculum covers the following aspects.

- 1 The basic economic problem
- 2 The allocation of resources
- 4 Government and the macroeconomy
- 5 Economic development

- 6 International trade and globalisation

The following link has additional information.

<https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-international-as-and-a-level-economics-9708/>

HOW IS IT ASSESSED?

For Cambridge International AS & A Level Economics, candidates take Papers 1 and 2 only (for the Cambridge International AS Level qualification)

Or

Follow a staged assessment route by taking Papers 1 and 2 (for the Cambridge International AS Level qualification) in one series, then Papers 3 and 4 (for the Cambridge International A Level qualification) in a later series

Or

Take Papers 1, 2, 3 and 4 in the same examination series (for the Cambridge International A Level qualification).

All components are externally assessed.

For more information, contact:
Mr. Mbungu - mmbungu@risu.sc.ug

ENGLISH LITERATURE

WHY STUDY LITERATURE?

Literature is a versatile subject. It develops a set of transferable skills. These include critical analysis, constructing arguments and presenting knowledge and understanding in a balanced, articulate and fluent manner. Learners of Literature in English are enabled to see the world through the lens of an open mind, as they are exposed to a variety of literary texts ranging from pre-19th century to the present day. With this comprehensive exploration of characters and themes will come the awareness of how traditions and culture have shaped literature over the years. The skills gained are not limited to the subject, but can be used in all subjects and in real-world situations.

ASSESSMENT:

There are four papers: two are done in Year 12 and the other two in Year 13.

AS Level (Year 12):

Paper 1 - Drama and Poetry Paper 2 - Prose and Unseen

50% of the AS Level 50% of the AS Level

25% of the A Level 25% of the A level

A Level (Year 13):

Paper 3 - Shakespeare and Drama Paper 4 - Pre- and Post-1900 Poetry and Prose

Externally assessed Externally assessed

25% of the A Level 25% of the A Level

Candidates carry over their AS Level result.

AS Level candidates are eligible for grades a - e; while for the full A Level candidates are eligible for grades A* - E.

SECRET TO SUCCESS?

The secret to success is remaining passionate about the subject. There is a lot of reading involved; not just the set texts, but also research the authors, the era in which the literary work was written, what critics have to say about the different texts read.

In addition, one needs to participate actively in all discussions, sharing their opinions and supporting them with evidence from the set texts as well as other reading. Keeping an open mind is key, as literature is like a kaleidoscope: varied perspectives depending on which angle you look at a text.



www.cambridgeinternational.org/alevel

For more information, contact:
Mrs. Wakiro - ewakiro@risu.sc.ug

FRENCH

WHY STUDY FRENCH? (Skills, relevance, careers)

Foreign language skills are often the deciding factor when candidates are selected in different job fields. Foreign languages, especially French, pay off in surprising ways. It is not just appropriate for students entering a field related to linguistics or international studies; it is a key skill that opens myriad doors to the future. It opens more interesting job opportunities. There are specific careers French leads to but it is just relevant, appropriate to all careers!

“Researchers have found that there are lifelong cognitive and academic benefits to becoming bilingual”. A foreign language like French is a gateway to the rest of the world. (On top of what it is currently in the world, not by accident, soon, French will be one of the national languages of EAC along English and Kiswahili).

“Learning French as Foreign language increases concentration and develops new areas of the brain, in addition to boosting the brain’s natural ability to process information”. In this way, it helps humans to truly elevate the way they learn and think. With French, students will grow into cosmopolitan adults, especially with the current globalized world, with digital technology taking down international boundaries.

WHAT TO DO TO SUCCEED

Confidence and right Attitude: Students should have the courage to step outside their comfort zone, they should not be afraid of change, afraid to do something new, afraid to make mistakes. They should stop to think: “If I open my mouth they will probably all laugh at me.” The truth is rather that as soon as students start seeing the expansion of their comfort zone differently, things can quickly take a 180 degree turn. Students should always Remember Eleanor Roosevelt’s quote: “Confidence comes not from always being right but from not fearing to be wrong.”

USEFUL CAREERS

Political Leader (i.e: President L.S.Senghor)

UN staff, Diplomats: They need to speak multiple languages.

Translator: For websites, books, news articles, etc.

Civil servant, Teacher or University Professor: French knowledge, a huge competitive advantage.

Interpreter: In NGOs, UN, governments, French is one of the 6 official languages of the UN

NGO staff: i.e: Médecins Sans Frontières (Doctors without Borders).

Working for French companies (Total, BPCE, EDF, etc.).

Lawyer, Engineer, Doctor: French skills can expand jobs’ opportunities in many ways.

Literary critic, etc.



GRADES TO SUCCESS

	Paper 1	Paper 2	Paper 3	Paper 4
Skills tested	Listening	Reading	Speaking	Writing
Percentage (%)	25	25	25	25
Length of Paper	50'	1hour	10'	1 hour



For more information, contact: Mr. Pascal - pngona@risu.sc.ug

AS/A LEVEL GEOGRAPHY

WHY STUDY GEOGRAPHY?

To enable learners, develop:

- an understanding of the principal processes operating within physical geography and human geography
- an understanding of the causes and effects of change on natural and human environments
- an awareness of the usefulness of geographical analysis to understand and solve contemporary human and environmental problems
- the ability to handle and evaluate different types and sources of information
- the skills to think logically, and to present an ordered and coherent argument in a variety of ways
- an excellent foundation for studies beyond Cambridge International A Level in Geography, in further or higher education, and for professional courses.

You will also acquire a range of skills including: presentation and analysis, illustration, evaluation, interpretation of maps, and giving formal oral presentations.

Geography offers a range of career opportunities among which include: Urban Planning, Cartography, GIS and remote sensing, Climatologist, Emergency management, Demography, Librarian/Information Science, Teaching, Tourists management, Surveying, Pilot.

ASSESSMENT

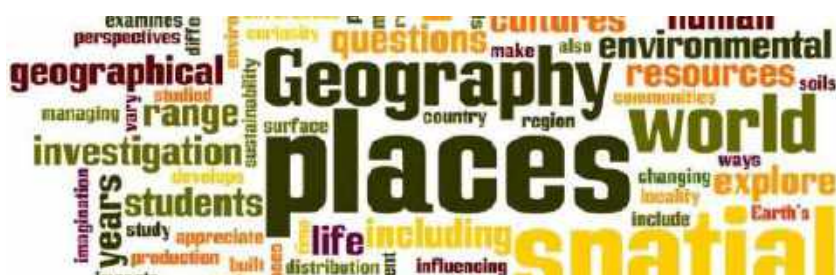
Component	Weighting	
	AS Level	A Level
Paper 1 Core Physical Geography 1 hour 30 minutes Section A: Three data response questions (30 marks) Section B: One structured question from a choice of three (30 marks) 60 marks	50%	25%
Paper 2 Core Human Geography 1 hour 30 minutes Section A: Three data response questions (30 marks) Section B: One structured question from a choice of three (30 marks) 60 marks	50%	25%
Paper 3 Advanced Physical Geography Options 1 hour 30 minutes Candidates answer questions on two of the optional topics. Each topic consists of one structured question (10 marks) and a choice of essay questions (20 marks). 60 marks	-	25%
Paper 4 Advanced Human Geography Options 1 hour 30 minutes Candidates answer questions on two of the optional topics. Each topic consists of one structured question (10 marks) and a choice of essay questions (20 marks). 60 marks	-	25%

EXAM BOARD AND LINK TO THE CURRICULUM:

Cambridge Assessment International Education (CAIE)

www.cambridgeinternational.org/alevel

SECRET TO SUCCESS:



For more information, contact: Mr. Zake - gzake@risu.sc.ug

GERMAN

Cambridge International AS & A Level (8683/ 9717)

WHY STUDY THE SUBJECT?

Skills

You will develop the ability to understand a language from a variety of registers and communicate confidently and clearly in the target language. Also, you get a sound base of skills, language and attitudes required for further study, work and leisure.

Relevance

German has the largest number of native speakers in the European Union. Furthermore, German is among the ten most commonly spoken languages in the world. It is also a lingua franca of Central and Eastern Europe. 22 Nobel Prizes in Physics, 30 in Chemistry, and 25 in Medicine have gone to scientists from the three major German-speaking countries, while many laureates from other countries received their training in German universities. Germans are world leaders in engineering.

Careers

Germany is the world's second-largest exporter. The German economy ranks number one in Europe and number four worldwide. Its economy is comparable to that of all the world's Spanish-speaking countries combined. Germany is home to numerous international corporations

HOW IT IS ASSESSED

AS German:

1. Speaking Test: 20 minutes, 29%
2. Reading and Writing: 1 hour 45 min, 50%
3. Essay: 1 hour 30 min, 21%

2 German

1. Speaking Test: 20 minutes, 20%
2. Reading and Writing: 1 hour 45 min, 35%

3. Essay: 1 hour 30 min, 15%

4. Texts: 2 hours 30 min, 30%

CAREERS

Careers include German Teacher or Tutor, German Translator/Interpreter, Travel and Tourism, Journalism etc. BMW, Volkswagen, Bosch, Daimler, Adidas, Allianz, Deutsche Bank, Siemens, SAP, BASF, and Lufthansa are all established around the world. Adding German language skills on your CV can help your career growth in many of these International corporations.

CAMBRIDGE ASSESSMENT INTERNATIONAL EDUCATION

<https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-international-as-and-a-level-german-language-as-level-only-8683/>

WHAT DOES IT TAKE TO SUCCEED

Do you like to read? Do you like to write? Do you like to debate? To be able to do this all in German you need to be an independent learner who puts a lot of efforts into learning new vocabulary, idioms and grammar. For further advice watch:

<https://www.youtube.com/watch?v=HNvpqavCn4c>



For more information, contact:
Mrs. Baguma -
abaguma@risu.sc.ug

HISTORY

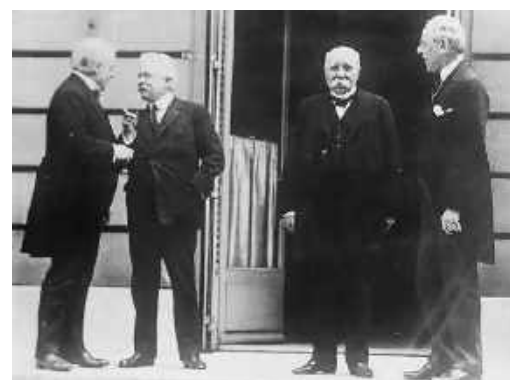
Cambridge International AS & A Level History (9489)

WHY STUDY HISTORY?

It is common misconception that history only helps to sharpen our ability to remember dates, places, key events, people, etc. However Cambridge History aims at going beyond memory to developing a critical mind that asks “why” and “how”. By asking and seeking answers to these questions you are able to build analytical, synthesis and interpretation skills necessary for correctly understanding why events occurred in the past and how they affect our lives today. Through History you also learn to appreciate why individuals, cultures and societies are different. This helps you to cultivate the spirit of tolerance and the confidence to logically defend your divergent opinion. To ensure that we produce a whole rounded person, we employ learning activities which require students to develop their skills in independent and collaborative research.

With the increased global interconnections courtesy of ICT, History has never been more important. By developing relevant skills and providing access to the storehouse of information about how communities evolved over time, Cambridge History is a launching pad to many career paths such as Professional History, International Relations, Archaeology, Conflict Management and Peace studies, Political Science, Anthropology and Teaching among many others.

Being passionate about what happened in the past will make your History lessons enjoyable and incline you towards more reading of historical stuff, hence expanding your knowledge. However in order to excel in Cambridge History examination you will also need to develop extensive writing skills and the ability to identify and use important information to support an argument. Having a critical eye to read in-between the lines and the ability to make sense of images/cartoons is essential. In general a positive attitude towards learning and a strong desire to excel will be invaluable for your success.



LINK TO THE CURRICULUM

<https://www.cambridgeinternational.org/Images/502955-2021-2023-syllabus.pdf>

ASSESSMENT

AS (Year 12)		
PAPER 1 Document question (source based)	Candidates will complete one document (SOURCE) question on international option: International history, 1870–1945. There will be two parts to each question.	1 hour 15 min 40 marks
PAPER 2 outline study	International option: International history, 1870–1945. Candidates will select two questions from three topics.	1 hour 45 Min 50 marks
A2 (Year 13)		
Paper 3 Interpretation Question	Interpretation of a major Historical event. Candidates are provided with an extract which they use to respond to one question on interpretation of History	1 hour 15 minutes 40 marks
Paper 4 – Depth study	Candidates will select two questions on their chosen depth study	1 hour 45 minutes 50 marks



Richard Thomason
<secondarydeputyhead@risu.sc.ug>

INFORMATION TECHNOLOGY

Cambridge International AS & A Level IT

WHY STUDY IT?

This syllabus encourages learners to become effective and discerning users of IT. It helps them to develop a broad range of IT skills, knowledge and understanding. Learners study the structure and use of IT systems within a wide range of organisations, including the use of a variety of computer networks. As a result, learners gain an understanding of IT system life cycles, and how these affect the workplace. They also learn about the wider impact of IT on society in general. At A Level, learners also study simple programming for the web relevant to their own use of IT.

Some of the careers in Information technology include: Cloud architect, hardware engineer, graphics designer, computer systems analyst, database administrator, geographic information systems technician, web developer, network administrator, user interface designer, forensic investigator and many more.

ASSESSMENT

COMPONENT (IT 9626)	WEIGHTING	
	AS-LEVEL	A2-LEVEL
Paper 1: This is a theory paper that covers all content from As-Level. All questions are compulsory. 90 marks	50%	25%
Paper 2: This is a practical paper that covers the practical content from As-Level. All tasks are compulsory. 110 marks	50%	25%
Paper 3: This is a theory paper that covers all content from As-Level. All questions are compulsory. 90 marks	-	25%
Paper 4: This is a practical paper that covers the practical content from As-Level. All tasks are compulsory. 110 marks	-	25%



LINK TO CURRICULUM

<https://www.cambridgeinternational.org/programmes-and-qualifications/Cambridge-international-as-and-a-level-information-technology-9626/>

WHAT IT TAKES TO BE SUCCESSFUL

IT is mainly a practical subject and will always focus on how the acquired knowledge is applied in day to day life. This means that the subject requires the learner to continuously apply the skills acquired during lessons. Being able to work on your own and independently motivate yourself is great, and you'll need that. However, Teamwork is also a very vital aspect of the subject.

For more information, Contact:

Mr. Wasukira S.Lawrence - lwasukira@risu.sc.ug

MATHEMATICS Cambridge International AS & A Level Mathematics

WHY STUDY MATHEMATICS?

As technology continues to advance, so does Mathematics, increasing its essential role in both every day and corporate life. New mathematical theories are being discovered and developed every day, enabling inventions and scientific discoveries to continue to flourish. By studying Mathematics at AS/A2 Levels, students will have the opportunity to forge a career that is at the forefront of technological advancement. For many STEM (Science, Technology, Engineering and Mathematics) and Economics subjects, A Level Mathematics is an essential pre-requisite. For other subjects such as Geography, Finance and Banking, studying AS/A2 Mathematics is very useful, as it helps to keep students' mathematical skills fresh and prepares them for the Mathematics they will encounter during their courses. By studying AS/A2 Mathematics, students will develop a number of skills such as Problem-solving, Analytical skills, Research skills and Logic.

Some exciting future careers include: Construction/Architecture, Medicine, Scientific Research, Teaching, Banking and Finance, Games Development, Robotics and Engineering.



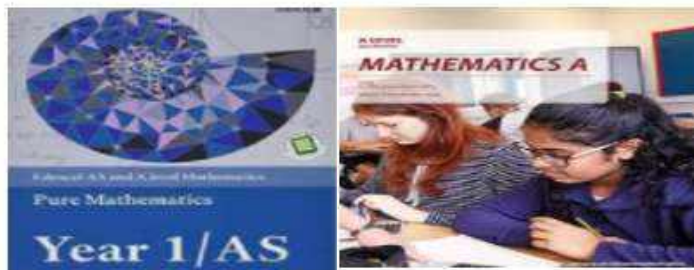
METHODS OF ASSESSMENT

All AS Level students take two written papers:

- Pure Mathematics 1
- Probability and Statistics 1

All A2 Level students take two written papers in addition to the two papers taken at AS Level:

- Pure Mathematics 3
- Mechanics



For more information, contact: Peter Kwadjo Narkotey
pnarkotey@risu.sc.ug

COURSE CONTENT

The Pure Mathematics units cover:

Algebra and Functions, Coordinate Geometry, Sequences and Series, Exponentials and Logarithms, Trigonometry, Differential and Integral Calculus, Numerical Methods, Vectors and Complex Numbers

The Applied Mathematics content includes:

Statistics: Data representation, Probability and statistical distributions

Mechanics: Forces, Kinematics, Newton's Laws, Momentum and Work, Energy and Power

WHAT IT TAKES TO SUCCEED

Mathematics requires a great deal of hard work and effort by students in order to be successful. Regular attendance and full involvement in all the tasks and activities are essential. Individual learning and completing homework to a high standard are equally important if the student is to achieve their full potential on the course.

SOCIOLOGY

Cambridge AS & A Level Sociology (9699)

WHY STUDY SOCIOLOGY?

The syllabus enables students to develop knowledge and understanding of sociological terms, theories, methods and research findings; an awareness of the range and limitations of sociological theory and the ability to compare and contrast different theoretical perspectives; an appreciation and understanding of individual, social and cultural diversity, and of continuity and change in social life; an understanding of sociological research methods, including issues concerned with the planning, implementation and evaluation of research enquiry and the collection, analysis and interpretation of data; improved skills of communication, interpretation, analysis and evaluation for further study.

Students further gain a deep understanding of their subject, higher order thinking skills - analysis, critical thinking, and problem solving. They can present ordered and coherent arguments, independent learning and conduct research.

In addition, it encourages students to be confident, responsible, reflective, innovative, and engaged, learning through independent study and collaboration; debating issues and using research findings to tackle sociological questions.

METHODS OF ASSESSMENT

Assessment: All candidates take 2 papers at AS and 2 papers at A2 Level graded with A, B, C, D, E & U

AS	AL
Paper 1 1 hour 30 minutes	Paper 3 1 hour 15 minutes
60 marks 50% of the AS Level 25% of the A Level	50 marks 20% of the A Level
Socialisation, identity and methods of research	Education
Candidates answer four questions. Section A: three compulsory questions Section B: one essay (26 marks) from a choice of two	Candidates answer four compulsory questions. Question 4 is an essay (26 marks).
Paper 2 1 hour 30 minutes	Paper 4 1 hour 45 minutes
60 marks 50% of the AS Level 25% of the A Level	70 marks 30% of the A Level
Family	Globalisation, Media and Religion
Candidates answer four questions. Section A: three compulsory questions Section B: one essay (26 marks) from a choice of two	Candidates answer two essay questions from two different sections (35 marks each).



SECRET TO SUCCESS

To excel in Sociology, learners should demonstrate knowledge and understanding; interpretation and application, analysis and evaluation of sociological issues through class discussions, frequent revision and attempting past paper questions.

<https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-international-as-and-a-level-sociology-9699/>

CAREERS

Research, Social worker, Public relations, Human resource, Counseling, Journalism, Writing, Community developer, Administration, Education, Gerontology, Law enforcement, Family planning, and Childcare amongst many others.

For more information, contact: Daniel Oboth -
doboht@risu.sc.ug

MUSIC

Cambridge International AS & A Level Music (9703)

THE COURSE

As part of the course, candidates are encouraged to develop their own creative and interpretative skills through the disciplines of composing and performing in Western and/or non-Western traditions. This leads, in turn, to a deeper understanding of music in its wider cultural context. One of the available options is a stand-alone AS course, which allows listeners who do not read Western notation to develop their understanding and appreciation of a range of critical approaches to the reception of music.

It is recommended that learners who are beginning the 9703 A and 9703 AS course should have previously completed a Cambridge IGCSE® (or equivalent) course in Music.



METHODS OF ASSESSMENT

Component 1 - Listening

Component 2 - Practical Musicianship

Component 3 - Performing

Component 4 - Composing

Component 5 - Investigation and Report

Candidates can take all components at a single session or they can carry forward an AS result (9703 Components 1 and 2) and choose 2 additional components from 3, 4, and 5. AS results must be carried forward within a 13-month period.

For more information, contact: Kezia Kimbugwe
kkimbugwe@risu.sc.ug

PHYSICS

Cambridge International AS & A Level Physics (9702)

WHY STUDY THE SUBJECT:

The subject equips learners with many skills including analytical thinking, communication, report-writing laboratory and field experiments, working in a team and mathematical problem solving techniques.

ASSESSMENT

At AS Level, learners sit for three written examinations namely:

Paper 1 - Multiple Choice Questions

Paper 2 - Structured Questions

Paper 3 - Practical Test

AS Level is graded from a⁺ (highest) to e⁺ (lowest).

At A2 Level, learners sit for two written examinations namely:

Paper 4 - Structured Questions

Paper 5 - Planning, Analysis & Evaluation

Results from these are added to AS Level results from the previous year and graded from A* (highest) to E (lowest).

CAREER OPPURTUNITIES

Career opportunities are in Architecture, Computer Industry, Dentistry, Medicine, Research, Aeronautical Engineering, Aerospace Engineering, Electrical Engineering, Electronic Engineering, Mechanical Engineering, Civil Engineering, Military and Robotics among others.



REQUIREMENTS

Prospective learners should have at least grade **B** at IGCSE in Physics and Mathematics and at least grade **C** in First Language English.

Contact:

Name: Mr John Okech

Email: jokech@risu.sc.ug

PSYCHOLOGY

Cambridge International AS & A Level Psychology

WHY STUDY PSYCHOLOGY?

Psychology at AS and A-Level helps students develop abilities which universities value highly, including a deep understanding of their subjects, higher order thinking skills - analysis, critical thinking, problem solving, presenting ordered and coherent arguments, independent learning and research. It encourages learners to be confident in working with information and ideas, developing their ability to learn, be innovative and equipped for new and future challenges, get engaged intellectually and socially ready to make a difference.

Virtually all professions have a course unit in Psychology. Psychologists are needed in every aspect of human life including hospitals, schools, workplaces, businesses, and environment. Psychologists will continue to be in demand because they cannot be replaced by robots.



METHODS OF ASSESSMENT

AS Level (Year 12)

Paper 1 Approaches, issues and debates (1 hour 30 minutes)

Paper 2 Research methods (1 hour 30 minutes)

A- Level (Year 12)

Paper 3 Specialist options: theory (1 hour 30 minutes)

Paper 4 Specialist options: application (1 hour 30 minutes)

LINK TO CURRICULUM

<https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-international-as-and-a-level-psychology-9990/>

WHAT IT TAKES TO SUCCEED

The student has to have a clear understanding of the theories, and applications of the content studied. The student has to be thorough and pay great attention to details.

For more information, contact: Felix
Biteetisigirwe fbite@risu.sc.ug

BTEC IT

Examination Board: Pearson the UK's largest body offering academic and vocational qualifications.

BTECs are high quality, career-focused qualifications grounded in the real world of work. BTEC courses focus on skills-based learning and are designed around themed units. Rather than testing everything together at the end, BTECs are tested throughout the course using assessments based on real-life scenarios. This practical approach allows BTEC learners to develop and apply the knowledge and skills that employers and universities are looking for.

Why Study BTEC Information Technology:

Information technology (IT) continues to change the way we live, play, and do business, so it should come as no surprise that computing and IT is the fastest growing career field, and will continue to be for years to come. BTEC IT comes in as an entry level qualification to equip the students with the skills needed to comfortably enter this rewarding and yet exciting field. The student will acquire important knowledge that will:

Provide specialist, work-related learning in a range of sectors.

Equip you with the specialist knowledge, practical skills, employability

- **skills and understanding you need to progress along your chosen IT path.**

On successful completion of a Pearson BTEC level 3 IT qualification, a learner can progress to university study or within employment and/or continue their study in the same, or related vocational area.

Career Pathway in BTEC IT

- **Robotics engineer, Cloud engineer, Network architect, Computer scientist, Computer hardware engineer, User interface developer, Computer programmer, Data scientist, Systems analyst, IT Manager, Chief information officer, Graphics designer, Network administrator, Database administrator, Mobile application developer, and many more.**

Course Coordinator: Mr. Lawrence S Wasukira, BSc. (Hons), PG Dip. IT (Penn State Uni)

Email: lwasukira@risu.sc.ug



How is the unit assessed?

Some units are externally assessed via are internally assessed through assignments in form of tasks and activities, that emphasize on the practical application of the assessment criteria. This allows students to provide evidence in a variety of work-related formats for example: presentations, performance observations, role plays, poster and projects.'

All internal assessments are quality assured through internal verification (IV at RISU) and External verification (SV) (by Pearson Edexcel UK).

BTEC BUSINESS

Examination Board: Pearson the UK's largest body offering academic and vocational qualifications.

BTECs are specialist, work-related qualifications. They are perfect for those looking to take their first steps in their chosen profession, start an apprenticeship, gain a full degree, or progress further in their careers. BTEC qualifications are globally recognized and benchmarked because they are awarded by Pearson.



Why is a BTEC Business right for me?

Provide specialist, work-related learning in a range of sectors.

- Equip you with the specialist knowledge, practical skills and understanding you need to progress along your chosen path.
- Are career-based qualifications designed to give you the skills you need to move on to higher education or go straight into employment?
- Develop employability skills such as creativity and problem solving, which are embedded in the BTEC programme.

Career Pathway in BTEC Business

- Direct career path into Business - Accountancy, HR, Education, Management (Consulting, Entrepreneurship, General Management) Marketing, Retail Management.

Progression into Higher Education in specialist areas such as Law, HR,

- Management, Marketing, Economics, Finance, Accountancy and Education.

How is the unit assessed?

Units are internally assessed through assignments in form of tasks and activities, that emphasize on the practical application of the assessment criteria. This allows students to provide evidence in a variety of work-related formats for example: presentations, performance observations, role plays, posters and projects.'

All internal assessments are quality assured through internal verification (IV at RISU) and External verification (SV) (by Pearson Edexcel UK).



Business Teacher: Ms. Namitala

Email: jnamitala@risu.sc.ug

BTEC LEVEL 3 90-CREDIT DIPLOMA IN SPORTS AND EXERCISE SCIENCE

What is BTEC Sport and why?

- The BTEC Sport course has been designed to provide an engaging, broad and stimulating introduction to the world of Sport and Fitness.

- BTEC Level 3 Course in Sport has the benefit of a larger coursework and practical content that provides skills and practical knowledge.

BTEC Sport and Exercise Science is intended as an applied general qualification, equivalent in size to A 'Levels.

- It is a two-year, full-time course that meets entry requirements in its own right for learners who want to progress to higher education courses in sport before entering employment.

Qualifications

Can be studied alongside another A 'Level qualification

- <https://qualifications.pearson.com/en/subjects/physical-education-and-sport/btec-sport.html>



Qualifications

Can be studied alongside another A 'Level qualification

- <https://qualifications.pearson.com/en/subjects/physical-education-and-sport/btec-sport.html>

- <https://qualifications.pearson.com/en/subjects/physical-education-and-sport/btec-sport.html>



FOR MORE INFORMATION CONTACT
Miss Mildred Gamba
mgamba@risu.sc.ug

BTEC HOSPITALITY MANAGEMENT

Examination Board: Pearson the UK's largest body offering academic and vocational qualifications.

BTECs are high quality, career-focused qualifications grounded in the real world of work. BTEC courses focus on skills-based learning and are designed around themed units. Over the past few years, employment in the hospitality industry has increased faster than for the economy overall. But there remain significant skills gaps, particularly in the following areas: customer service; interpersonal skills; supervisory skills; finance; and employability skills. These Pearson BTEC qualifications seek to address these areas by encouraging the acquisition and development of these competencies before, or while in, employment in the hospitality industry.



Why Study BTEC Hospitality

This is a huge and developing market in Uganda and the world at large. This course will open many opportunities in Tourism, Leisure, Catering, Hotel Management and Events management. The student will acquire important Knowledge that will:

Provide specialist, work-related learning in a range of sectors.

Equip you with the specialist knowledge, practical skills, employable skills and understanding you need to progress along your chosen path.

On successful completion of a Pearson BTEC level 3 qualification, a learner can progress to or within employment and/or continue their study in the same, or related vocational area.

Career Pathway in BTEC Hospitality

Hotel Management, Events Management, Customer service Management, Tour operations management, Food and beverage Management, Marketing Hospitality, People Management in Hospitality, Public Relations in Hospitality industry

How is the unit assessed?

Units are internally assessed through assignments in form of tasks and activities, that emphasize on the practical application of the assessment criteria. This allows students to provide evidence in a variety of work-related formats for example: presentations, performance observations, role plays, poster and projects.'

All internal assessments are quality assured through internal verification (IV at RISU) and External verification (SV) (by Pearson Edexcel UK).

**Course Coordinator: Mr.
Israel Alecho HCIMA,
BA(Hons) MBA @ TVU UK
Tel: 0772840749 / 0753414543
Email: ialecho@risu.sc.ug**



<https://qualifications.pearson.com/en/qualifications/btec-international-level-3/resources.html>

BTEC ART AND DESIGN

WHY STUDY BTEC ART AND DESIGN?

BTEC Level 3 Nationals Art and Design courses offer a flexible range of qualifications that can be studied alongside other level 3 qualifications such as A levels or other BTEC Nationals as part of a larger program of study, or as the main focus of study. They are designed for Post-16 Level 3 learners wishing to go on to further or higher level study of the sector or directly to employment. All sizes attract UCAS points and are widely recognized by universities and employers.



HOW WILL YOU BE ASSESSED?

After each assignment you will submit your work to your tutor. Each time you submit an assessment you must fill out, sign and date a declaration to confirm that the work produced is your own. Your assessor will mark the work and, within two working weeks, give you a form showing you which criteria you have met. You must meet the deadline stated on your assignment brief; failing to meet the stated deadline will mean you are NOT entitled to a resubmission date and the Lead Internal Verifier will not be permitted to authorize a resubmission date. Therefore you will not pass any assignment you submit late. You should regard all assessment marks as provisional until units have been through the IV process. This is where the standard of what you have produced will be looked at and standardized across all of the different classes to ensure your grade is fair and accurate.

Career Pathway in Art

Accessory designer Advertising designer Animator Architect Artisan Art therapist Ceramics artist Chief creative officer Colorist Curator Design director Design strategist Fashion designer Fine artist Floral designer Graphic designer Illustrator Interior designer Jewellery designer Make-up artist Media designer Photographer Photojournalist Potter Production designer Sculptor Set decorator Set dresser Web designer

LINK TO MORE INFORMATION

: <https://qualifications.pearson.com/en/qualifications/btec-nationals/art-and-design-2016.html>

Course Coordinator: Mr. J Ufoyuru

Email: jufoyuru@risu.sc.ug