

# For The Academic Year 2019/2020

## Brookhouse Secondary School



as/a2



## Option choices booklet

advanced subsidiary and advanced  
level examinations

# BROOKHOUSE SCHOOL

## PHILOSOPHY AND MISSION STATEMENT

### Mission Statement:

*“Our mission is to give each child every opportunity to learn to excel”*

### School Philosophy

Brookhouse is a co-educational day and boarding school for children aged 2-19, offering an adapted form of the British National Curriculum to Kenyan and international pupils. The pursuit of academic excellence is at the centre of our educational philosophy and approach.

Equally, as a global member of the Round Square association of schools worldwide, we believe that a school should foster courage, generosity, imagination, principle and resolution so that children emerge empowered with the skills and abilities to be the leaders and guardians of tomorrow's world. We endeavour to provide the security and guidance necessary for children to achieve their potential in a friendly and supportive but academically rigorous atmosphere.

As such we commit ourselves to the Round Square ethos by considering the six foundation pillars of Round Square as central to our holistic approach to education, augmenting our intrinsic commitment to academic excellence. The six pillars or IDEALS are: **Internationalism; Democracy; Environment; Adventure; Leadership and Service.**

Interpreting these pillars as the core of our school community, we believe in:

- Clear expectations in relation to academic performance, ethical standards and behaviour, combined with positive reinforcement to develop in children their self-confidence and self-esteem
- Providing the opportunity for children to learn the skills necessary to further their education and to function successfully with an international understanding and focus in the modern world
- Offering a curriculum that encourages the wider educational development of each child
- Encouraging children of all abilities to set goals which reflect the utmost of their capabilities
- Learning as a continuing process that fosters thinking and doing, exploration and experimentation, to help young people to adapt to an ever-changing environment and lead productive lives
- Maintaining regular and effective communication between parents and the school as well as parents being active partners in the learning process
- Instilling in students an appreciation of the outdoors and an awareness of the global environment and the need to conserve it as guardians of our collective future
- Nurturing tolerance, awareness and respect for oneself, others and property
- Fostering within children a desire to take responsibility for self-motivation, self-direction, self-discipline and a positive self-image
- Developing leadership skills rooted in kindness and justice, practiced individually and collectively in various leadership positions of consequence in the school
- Teaching children the values of democracy and the importance of active participation in democracy where freedom of thought and speech are encouraged and appropriate forums are in place for responsible self-expression
- Sensitising children to appreciate the richness of the spiritual and cultural experiences of life
- Preparing children for responsible lives through the expectation of service to others
- Promoting international understanding through exposure to different cultures and beliefs and through teaching children to appreciate, value and respect all cultures, religions and languages
- Encouraging children to learn to see themselves as committed and responsible global citizens, who look beyond gender, class, race, nationality and culture to understand human nature
- Building self-esteem through adventure and meeting challenges, working both individually and within groups, to promote personal growth and self-discovery leading to the child's realisation that they can be so much more than they might have imagined

*Adopted: September 1997*

*Reviewed and amended: 2005, 2009, 2012, 2016*

# **BROOKHOUSE SECONDARY SCHOOL**

## **AS AND A2 LEVEL OPTIONS CHOICES BOOKLET**

### **FOR THOSE ATTENDING THE CHOICES EVENING**

#### **AT THE SCHOOL**

#### **Contents:**

1. Introduction
2. Some General Information about AS Courses
3. A Guide to Degree Course Requirements
4. Art & Design
5. Biology
6. Business Studies
7. Chemistry
8. Chinese
9. Chinese
10. Computer Science
11. Drama
12. Economics
13. English Language
14. English Literature
15. French
16. Geography
17. German
18. History
19. Law
20. Mathematics
21. Music
22. Psychology
23. Physical Education
24. Physics
25. Sociology
26. Spanish
27. BTEC

# **ACADEMIC STAFF AT BROOKHOUSE SECONDARY SCHOOL**

## **Director**

**Mr John O'Connor**, BA Hons (Literature) University of Western Australia, Dip Ed.

## **Head of Secondary**

**Mr Eric Mulindi**, B Ed, M Sc Kenyatta, C Biol M Biol

## **Heads of Sixth Form and Careers**

**Mr Otieno Milafu**, BA, MA (Geography) University of Nairobi, PGDE Daystar University

**Miss Josephine Kariuki**, B A UEA Baraton

**Mrs Sabina Okech**, B Ed Hons Kenyatta University

## **Heads of Year**

**Mrs Anpurna Sanghani**, B Sc Hons University of North London, PGCE Sunderland

**Mrs Sheila Madahana**, B Ed Hons Moi, MBA Nairobi

## **Heads of Subject**

**Ms Lindy Nyaseme**, B A Hons Ulster, PGCE Oxford

**Mrs Tajinder Sehmi**, B Sc Hons Southampton

**Mr Moses Nyoro**, B Ed Hons Kenyatta MBA University of Nairobi

**Mr Mohamed Sheikh**, B Sc Hons North East London Polytechnic

**Ms Shariffa Noordin**, B A Hons Nairobi, M A Tianjin Univ, China

**Mr William Gichohi**, B Sc JKUAT, Dip IMIS, PGCE

**Mrs Christine Patterson**, B A Hons Manchester, PGCE London

**Mr Wanjohi Mwai**, B Ed University of Nairobi

**Mrs Beatrice Gaya-Teyie**, B Ed, M Ed Kenyatta University

**Mrs Dorothy Kyalo**, B Ed Hons Kenyatta University

**Mr Andrew Kimwele**, B Ed Hons Kenyatta University

**Mr Robert Mwangi**, B Ed Hons Kenyatta, M A University of Nairobi

**Ms Josephine Kariuki**, B Ed UEA Baraton

**Ms Victoria Gichuki**, LLB Hons London, PGD KSL

**Mr Martin Bingwa**, B Ed, M Sc Kenyatta University, Dip PR

**Mr Samuel Wilkinson**, B A Hons Sussex, PGCE Bristol

**Ms Susan Bantu**, M Ed (Counselling) USA, M A Ohio, B A University of Nairobi

**Mr Evans Ombui**, B Ed Kenyatta University

**Mrs Carmen Ogweno**, B A, M A (Economics) University of Bucharest

**Ms Margaret Ng'ang'a**, B A Spanish & Anthropology, University of Nairobi, PGDE Kenyatta

**Mrs. Sobia Mughal**, B A Hons, BTEC Diploma, Dip Child Psychology

**Mr Raymond Kiptum**, B Bus Admin Makerere University

**Mr Antony Leedale**, B Music Hons Newcastle, B A Hons Leeds Met, PGCE

**Miss Lisa Curley**, B Sc, M Res, PGCE Nottingham Trent

**Art & Design**

**Biology**

**Business Studies**

**Chemistry**

**Chinese**

**Computing**

**Drama**

**Economics**

**English and Literature**

**French**

**Geography**

**German**

**History**

**Law**

**Mathematics**

**Music**

**Psychology**

**Physics**

**Sociology**

**Spanish**

**BTEC Art**

**BTEC Enterprise**

**BTEC Music**

**PE & BTEC Sport**

## **ADVANCED SUBSIDIARY COURSES (AS)**

You will be required to choose four subjects for study as AS level in Year 12.

At the end of Year 12 you will sit AS examinations in all four subjects, unless recommended to do otherwise by the relevant Head of Department. However, as you can only carry three subjects forward for study in Year 13, the subject you choose to drop must be sat as an AS level.

At the end of Year 13 you will sit examinations in these three subjects at A2 level. The combination of your performance at AS and A2 level determines your overall A-level grade.

The subject you choose not to carry forward to Year 13 will remain as an AS grade only. Some, but not all university courses require a pass grade in one subject at AS level in addition to three subjects at A-level.

All of your A-level grades plus your AS grade(s) will gain you points which count towards entry to university courses. Different courses will require a certain number of points for entry. The University Colleges Admissions Service (UCAS) has issued values for the points gained for various grades at A-level. The following are the values:

<b><u>GRADE</u></b>	<b><u>POINTS VALUE</u></b>
A*	140
A	120
B	100
C	80
D	60
E	40

**Note:** The value of an AS grade is half the value of an equivalent A-level grade.

John O'Connor  
Director

## **CHOOSING YOUR AS LEVEL SUBJECTS**

You will need to choose four subjects for study in Year 12. Ultimately, the decision on which subjects you choose will be yours. However, before you do so, you would be wise to seek advice from your parents, your teachers and your friends, especially any who may be in Year 12 and who have gone through the process before.

If you are uncertain as to which subjects are required in order to follow a particular career, refer to the section of this booklet which immediately follows.

Remember that the aim of the AS system is to provide greater breadth to your studies by introducing an extra subject in Year 12. There is no need to restrict yourself to all science subjects or all non-science subjects at this stage, unless, of course, you are certain that this is what you want.

If you think that you want to choose a science based course (Engineering, Medicine, Pharmacy, etc), but you are not sure that it is really what you want to do, you could choose two or three sciences and one or two others from different disciplines. This will afford you some flexibility when you become more certain.

By carefully studying the section that follows, you will see that some courses of study at university are very specific as to subjects needed at AS/A2 level whereas others are more flexible in terms of subject requirements. For example, medicine and pharmacy require chemistry and one other science throughout AS and A2. Architecture requires mathematics throughout. Contrast these subject specific courses with archaeology, which requires no specific subject at AS/A2 level.

Finally, remember that at the end of the day, A-level is really a points scoring process. You are endeavouring to gain as many points as you can to get into the course you wish to study at university.

John O'Connor  
Director

## A SHORT GUIDE TO A LEVEL REQUIREMENTS FOR DEGREE COURSES

This document is a guide only. For more detailed information refer to the relevant literature, such as the official UCAS guide and prospectus. It is worth contacting a particular university to resolve doubts as individual universities vary in their requirements.

**Abbreviations:** A = Art, B = Biology, C = Chemistry, D = Design, Dr = Drama, E = English Literature, Ec = Economics, FM = Further Mathematics, G = Geography, Gk = Greek, Gn = German, H = History, HA = History of Art, It = Italian, L = Latin, M = Mathematics, P = Physics, Po = Politics, Sp = Spanish.

### SCIENTIFIC

**Agriculture, Horticulture, Forestry:** ideally two sciences including C.

**Food Science:** Often C and another science; for management / marketing options, the science requirements are less, although one science is useful.

**Biology:** B + C or B + a science /M.

**Botany:** B needed. C preferred.

**Genetics / Biotechnology:** B + C.

**Microbiology:** At least B + C, some want B+C+M/P

**Zoology:** B+ a science / M (preferably C).

**Chemistry:** C + M or P (possible C only).

**Computer Science:** M demanded sometimes, otherwise M and/or Sc preferred.

**Environmental Science:** 2 sciences (M P C G B).

**Geology:** M + P recommended

**Mathematics:** M (possibly FM)

**Physics:** M + P

**Statistics:** M

**Anatomy / Physiology:** 2 sciences (C + B recommended).

**Psychology:** two types of degree. B.Sc. like one or two sciences B.A. (Social Science) – no special subjects.

### MEDICAL

**Dentistry:** at least 2 sciences / M including C.

**Health Science:** variable, but one or two sciences (preferably B and/or C) advisable for Nursing, Biomedical Sciences, Speech Therapy, Physiotherapy, Occupational Therapy, Nutrition.

**Radiography:** P useful

**Medicine:** at least 2 sciences/M, including C and preferably B.

**Optics:** one or two sciences.

**Pharmacy/Pharmacology:** C required + preferably two of B P M.

**Veterinary Science:** C + B + M.

### ENGINEERING AND THE BUILT ENVIRONMENT

**Engineering:** usually M + P. M is required more than P some flexibility.

Electronic + mechanical : nearly always require M + P. C for chemical engineering.

**Technology:** Usually M and/or P, with C for materials/Metallurgy.

**Architecture:** generally M not required although M (or P) a good subject to take.

**Building/Construction:** M/science require or preferred.

**Surveying:** M sometimes asked for quantity/construction surveying.

**Planning/Urban Studies:** subjects not specified.

**Design/Art:** a relevant Art/Design A level.

## ARTS

**Archaeology:** not specified, although a science + classical language can be useful.

**Design/Art:** most students go on to do a one year Foundation Course prior to a degree in Art/Design areas. The basic requirement is a good portfolio of work, although in general a student would be expected to study A-level Art and Design.

**History of Art:** HA useful but not required. Language useful.

**Drama:** Dr. is an obvious lead in English Lit. required in some places. Language or H like at some.

**Education:** no specific subject; PGCEs require relevant degree subjects.

**History/Economic History:** some places requires H, some do not. H much preferred but not totally necessary.

**Music:** music generally required, although a few courses do not require it.

**Philosophy:** no specific requirements.

**Theology:** no specific subjects. E useful.

**Languages:** generally, but not always, the relevant language is required at 'A' level, for French German Spanish. Two languages given more scope.

**African/Oriental/Asian Studies:** many places do not require a language A level, but SOAS does so language advised.

**Celtic Studies:** Welsh or Irish sometimes asked for.

**Classics:** Latin wants L, Greek wants Gk. Some classics courses ask for both, some classical studies/historical do not demand either.

**English:** English Lit. Foreign language is useful but not essential. E lang/lit often acceptable.

**European Studies:** a modern language is required at many places, although not al.

**American Studies:** E or H useful, occasionally required.

**Russian:** often designed to accommodate beginners. Some types of course are designed for those who took A level.

**Linguistics:** modern language often useful and sometimes required.

## SOCIAL SCIENCES

**Business/Management:** M is useful, but not required except for some Management Science courses. Modern language required for European/International Marketing, BS/Ec gives useful – background, but not required.

**Economics:** M is required for certain types of course (econometrics, economic statistics). Ec/BS gives useful background but is not required.

**Accountancy/Finance:** M is required for financial analysis / actuarial science.

**Geography:** G is not always required but it is preferred. Two types of course; (Science or Arts/Social Science). B.Sc. like a science.

**Law:** no specified subjects, although European Law etc requires a language. E often useful.

**Political / International Relations:** Po useful but required. Other useful subjects E H G Ec Language.

**Psychology:** two types of degree. B.Sc. like one or two sciences B. A. (Social Science) – no special subjects E useful.

**Information / Media / Library / Communication Studies:** no specific subjects. E often useful.

**Sociology / Social Studies / Anthropology:** a wide range of subject combinations acceptable. E H G Ec Language useful.

# ART AND DESIGN

## Why study Art?

### 1. Diverse range of study topics

From history to sculpture, theatre to fashion, there is a wide variety of different areas that you can study during an Art & Design in A-Level. This diversity keeps students engaged, and an interesting course structure helps to stretch creative minds for fresh ideas.

### 2. An inspiring culture at your fingertips

The heritage of art and design in the British/African culture is huge and distinct. Art galleries can be found across Kenya. Living in a culturally rich country, students have access to meet local Kenyan artists. This accessibility to art gives students the resources to build ideas and excel in their own work.

### 3. Transferrable Skills

The skills that you learn during your A Level will set you up to excel in many different professional roles. You'll learn how to think creatively and independently, exercise your problem-solving abilities and fine-tune skills such as hand-eye coordination and communication.

### 5. Job opportunities

The range of occupations graduates can enter into is vast. Students in the past have gone on to study the following at Degree level: Illustration, Architecture, Fine Art and Interior Design.

## The Art and Design A Level Programme

As a department we recommend that students follow the linear A Level course, rather than sitting the AS exam at the end of Year 12. However, if students have a preference to sit both the AS exam and the A Level exam this is possible.

### Exam Board: AQA

### Students are able to specialise in the following areas for both AS and A Level.

**Fine art** Students should produce practical and critical/contextual work in one or more areas of study, for example, drawing, painting, mixed-media, sculpture, ceramics, installation, printmaking, moving image (video, film, animation) and photography.

**Textile design** Students should produce practical and critical/contextual work in one or more areas of study, for example, fashion design, fashion textiles, costume design, digital textiles, printed and/or dyed fabrics and materials, domestic textiles, wallpaper, interior design, constructed textiles, art textiles and installed textiles.

**Three-dimensional design** Students should produce practical and critical/contextual work in one or more areas of study, for example, ceramics, sculpture, exhibition design, design for theatre, television and film, interior design, product design, environmental design, architectural design, jewellery/body ornament and 3D digital design.

**Photography** Students should produce practical and critical/contextual work in one or more areas of study, for example, portraiture, landscape photography, still life photography, documentary photography, photojournalism, fashion photography, experimental imagery, multimedia, photographic installation and moving image (video, film, animation).

## **AS Assessments**

### **Component 1: Portfolio**

**60% of AS Non-exam assessment set and marked by school.**

### **Component 2: Externally set assignment**

**40% of AS. This culminates in an exam.**

In **Component 1**, students produce an extended collection of work that exemplifies aspects of their developing knowledge, skills and understanding. It should provide evidence of research, the development of ideas, making skills and critical/contextual understanding. It should demonstrate the student's ability to sustain work from an initial starting point to a realisation.

In **Component 2**, students respond to a stimulus, provided by AQA, to produce work which provides evidence of their ability to research and develop ideas and to make clear the link between their own and others' work within specified time constraints.

## **A-level Assessments**

### **Component 1: Personal investigation**

**60% of the final A-level grade.**

This is a practical investigation supported by written material. Students are required to conduct a practical investigation, into an idea, issue, concept or theme, supported by written material. The focus of the investigation must be identified independently by the student and must lead to a finished outcome or a series of related finished outcomes. The investigation should be a coherent, in-depth study that demonstrates the student's ability to construct and develop a sustained line of reasoning from an initial starting point to a final realisation. The investigation must show clear development from initial intentions to the final outcome or outcomes. It must include evidence of the student's ability to research and develop ideas and relate their work in meaningful ways to relevant critical/contextual materials. The investigation must be informed by an aspect of contemporary or past practice of artists. This investigation also includes a supporting essay of up to 3000 words.

### **Component 2: Externally set assignment**

**40% of the final A-level grade.**

Component 2 is an externally set assignment. Separate question papers will be provided by the exam board. Each question paper will consist of a choice of questions to be used as starting points. Students are required to select one. Students will be provided with examination papers on 1st February, or as soon as possible after that date. Preparatory period – from 1st February. Following receipt of the paper students should consider the starting points and select one. Again, students are expected to produce a personal collection of work that responds directly to the chosen exam question. This culminates in an exam.

Ms L Nyaseme

Ms L Bagot

Mr A Ashtiba

**Art Department**

# BIOLOGY

## Why study ... BIOLOGY at AS and A Level?

The 'A' level Biology course pursues the study of life and the activities of living organisms. An exciting and fascinating range of topics is provided to help develop the understanding of structure and function of organisms and their interactions. The course aims at expanding knowledge of biological concepts and principals as well as developing observational, analytical, investigative and experimental skills. The learner / the student will be expected to design and execute experiments in the practical tests. At the end of the course learner / student will have acquired essential problem solving, communication and ICT skills as well as an appreciation of the economic significance of Biology and the ethical issues it introduces.

## Course Content

The CIE Biology syllabus has been constructed around a common Core of 16 sections and 5 sections of Applications of Biology [to be covered at the A2 level only]:

### AS candidates: (Year 12)

In Year 12 Candidates study **eleven** AS Biology topics.

1. Cell Structure	7. Transport in Plants
2. Biological Molecules	8. Transport in Mammals
3. Enzymes	9. Gas Exchange and Smoking
4. Cell membranes and Transport	10. Infectious Diseases
5. The mitotic cell cycle	11. Immunity
6. Nucleic Acids and Protein synthesis	12. Practical skills for AS

### A2 Candidates (Year 13)

In Year 13 Candidates study the following A2 Biology topics:

1. Energy and Respiration	6. Selection and Evolution
2. Photosynthesis	7. Biodiversity, Classification and Conservation
3. Homeostasis	8. Genetic Technology
4. Control and Coordination	9. Planning, analysis and Evaluation
5. Inherited change	

## Course Requirements

CIE requires that students have a minimum grade C at IGCSE to take AS/A-level Biology. We strongly recommend that the student also takes IGCSE Chemistry or Physics to take Biology. It is recommended that one obtains grades A/B to achieve a high grade at A-level. The highest grade is an A\* at A level.

### The following careers usually require Biology at A Level.

Marine Biology/Oceanography	Biomedical Sciences
Dentistry/Medicine	Dietetics
Physiotherapy/Osteopathy	Industrial Research
Food Science /Food Technology	Forensic Science/Pathology
Pharmacy / Pharmacology	Podiatry/Chiropody
Optometry/Ophthalmology	Biotechnology/Bioinformatics
Environmental Law	Microbiology and Virology
Environmental Science	Veterinary Medicine
Forestry/Agriculture	Landscaping/Horticulture
Medical Engineering	Genetic Engineering/Technology
Animal Science /Animal Production	Neuro-science

### How is BIOLOGY examined at AS and A level?

Paper	Type of paper	Duration	Marks	Weighting	
				AS Level	A Level
Paper 1	AS Multiple Choice	1 hr	40	31 %	15.5 %
Paper 2	AS Structured Questions	1 hr 15 min	60	46 %	23 %
Paper 3	AS Advanced Practical Skills	2 hrs	40	23 %	11.5 %
Paper 4	A2 Structured Questions	2 hrs	100		38.5 %
Paper 5	A2 Planning, Analysis and Evaluation	1 hr 15 min	30		11.5 %

Students may opt to take Biology at AS Level only and obtain an **AS level certificate**. The full **A-level certificate** is awarded on the basis of 50% AS marks and 50% A2 marks. Students cannot study A2 without completing AS. Some students may opt to take all five papers at the end of Year 13.

A **compensatory AS level certificate** is awarded to students who fail to get A level but meet the requirements for As level in Biology.

Mrs T Sehmi  
Mr J Okaka  
Ms E Shabouk  
**Biology Department**

# BUSINESS STUDIES

## Why study ... BUSINESS STUDIES at 'AS' and 'A' level?

### Course content

Students will be encouraged to develop a critical understanding of organizations and the markets they serve. They will also be made aware of business behaviour from different perspectives eg stakeholders, the government etc.

The topics taught include

- ❖ Business in its environment
- ❖ People in organizations
- ❖ Marketing
- ❖ Operations and project management
- ❖ Finance and accounting
- ❖ Strategic management

Each of the above topics is taught at a core level for the AS course and at extended level to meet A2 requirements.

Careers in which the Management of Business AS or A level is useful include:

- ❖ Business administration
- ❖ Accounting
- ❖ Finance
- ❖ Marketing
- ❖ Management science
- ❖ Media studies
- ❖ Computer studies
- ❖ Law
- ❖ International Relations
- ❖ Politics
- ❖ Investment Analyst
- ❖ Project Appraiser
- ❖ Stock broker
- ❖ Property Management

## How is BUSINESS STUDIES examined at A and AS level?

### AS Level

					A level Grade weight
Paper 1	1 ¼ Hours	40%	Section A	Short answer compulsory questions on whole syllabus and one essay	20%
Paper 2	1 ½ Hours	60%	2 Case studies		30%

### A2 Level

Paper 3	3 Hours	100%	Case study + essay	50%
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Mr M Nyoro

Mr M Murigi

**Business Studies Department**

# CHEMISTRY

## Why study ... CHEMISTRY at AS or A level?

The table shows which parts of the syllabus contain AS Level material and which contain additional material that is examined only in the full A-Level.

Section	Topic	AS Level	A Level
<b>Physical chemistry</b>	1 Atoms, molecules and stoichiometry	✓	
	2 Atomic structure	✓	✓
	3 Chemical bonding	✓	
	4 States of matter	✓	
	5 Chemical energetics	✓	✓
	6 Electrochemistry	✓	✓
	7 Equilibria	✓	✓
	8 Reaction kinetics	✓	✓
<b>Inorganic chemistry</b>	9 The Periodic Table: chemical periodicity	✓	
	10 Group 2	✓	✓
	11 Group 17	✓	
	12 An introduction to the chemistry of transition elements		✓
	13 Nitrogen and sulfur	✓	
<b>Organic chemistry and analysis</b>	14 An introduction to organic chemistry	✓	✓
	15 Hydrocarbons	✓	✓
	16 Halogen derivatives	✓	
	17 Hydroxy compounds	✓	✓
	18 Carbonyl compounds	✓	
	19 Carboxylic acids and derivatives	✓	✓
	20 Nitrogen compounds		✓
	21 Polymerisation		✓
	22 Analytical techniques	✓	✓
	23 Organic synthesis		✓

### Some careers which require chemistry:

- |  |                       |                               |
|--|-----------------------|-------------------------------|
| ❖ Agriculture  | Forestry/Horticulture | Chiropody/podiatry            |
| ❖ Dentistry  | Medicine              | Nursing Dietetics             |
| ❖ Engineering – all branches including biomedical and chemical |                       | Biochemistry                  |
| ❖ Environmental health science                                 | Food science          | Ecology                       |
| ❖ Forensic science   | Osteopathy            | Paper technology/conservation |
| ❖ Pharmacy   | Physiotherapy         | Veterinary Sciences           |
| ❖ Restoration/conservation-buildings, paintings etc            |                       | Teaching sciences             |

### How is CHEMISTRY examined at AS and A level?

- Candidates for Advanced Subsidiary (AS) certification take Papers 1, 2 and 3 (either Advanced Practical Skills 1 or Advanced Practical Skills 2) in a single examination series.
- Candidates who, having received AS certification, wish to continue their studies to the full Advanced Level qualification may carry their AS marks forward and take Papers 4 and 5 in the examination series in which they require certification.
- Candidates taking the full Advanced Level qualification at the end of the course take all five papers in a single examination series.

Candidates may only enter for the papers in the combinations indicated above.

Candidates may not enter for single papers either on the first occasion or for resit purposes.

Component	Weighting	
	AS level	A level
<b>Paper 1 Multiple Choice</b> <span style="float: right;"><b>1 hour</b></span> This paper consists of 40 multiple choice questions, 30 of the direct choice type and 10 of the multiple completion type, all with four options. All questions will be based on the AS Level syllabus content. Candidates will answer all questions. Candidates will answer on an answer sheet. <span style="float: right;"><b>[40 marks]</b></span>	31%	15.5%
<b>Paper 2 AS level Structured Questions</b> <span style="float: right;"><b>1 hour 15 minutes</b></span> This paper consists of a variable number of questions of variable mark value. All questions will be based on the AS Level syllabus content. Candidates will answer all questions. Candidates will answer on the question paper. <span style="float: right;"><b>[60 marks]</b></span>	46%	23%
<b>Paper 3 Advanced Practical Skills</b> <span style="float: right;"><b>2 hours</b></span> This paper requires candidates to carry out practical work in timed conditions. Candidates will be expected to collect, record and analyse data so that they can answer questions related to the activity. The paper will consist of two or three experiments drawn from different areas of chemistry. Candidates will answer all questions. Candidates will answer on the question paper. <span style="float: right;"><b>[40 marks]</b></span>	23%	11.5%
<b>Paper 4 A level Structured Questions</b> <span style="float: right;"><b>2 hours</b></span> This paper consists of a variable number of free response style questions of variable mark value. All questions will be based on the A Level syllabus but may require knowledge of material first encountered in the AS Level syllabus. Candidates will answer all questions. Candidates will answer on the question paper. <span style="float: right;"><b>[100 marks]</b></span>	-	38.5%
<b>Paper 5 Planning, Analysis and Evaluation</b> <span style="float: right;"><b>1 hour 15 minutes</b></span> This paper consists of a variable number of questions of variable mark value based on the practical skills of planning, analysis and evaluation. The context of the questions may be outside the syllabus content, but candidates will be assessed on their practical skills of planning, analysis and evaluation rather than their knowledge of theory. Candidates will answer all questions. Candidates will answer on the question paper. <span style="float: right;"><b>[30 marks]</b></span>	-	11.5%

# CHINESE / MANDARIN

**Inspiring and engaging themes** – This qualification features familiar and popular themes as well as some new content that provides clear links to some of the most fundamental and interesting aspects of the culture of the Chinese-speaking world.

**Popular literary texts and films** – There is a choice of literary texts and films that includes contemporary and more classical titles, together with authentic source materials from China and the wider Chinese-speaking world.

**Rewards creativity** – The assessments place an emphasis on spontaneity and grammar, as well as providing plenty of opportunities for students to apply their knowledge independently and creatively. Clear mark schemes encourage students to develop ideas and use language to persuade and analyse and give critical responses in their writing and speaking.

**Clear and coherent structure** – This qualification has a straightforward structure with two engaging themes:

当代华人社会变迁	中国文化
演变中的华人社会	1978年改革开放对中国的影响

The two themes are studied alongside two works (either two literary texts or one literary text and one film) assessed through two externally-examined papers (Papers 1 and 2) and one teacher-examiner conducted speaking assessment (Paper 3).

**Manageable content** – The content is manageable and appropriate, so that the students can be confident that you have enough time to cover what you need to at the appropriate depth.

**Continuous progression** – The content builds on the understanding developed at Key Stage 4 and AS Level and gives students the opportunity to learn and apply important transferable skills in critical thinking and analysis, enabling them to make a smooth transition to the next level of study.

**The aims and objectives of this qualification are to enable students to:**

- Enhance their linguistic skills and promote and develop their capacity for critical thinking on the basis of their knowledge and understanding of the language, culture and society of the country or countries where the language is spoken.

- Develop control of the language system to convey meaning, using spoken and written skills, including an extended range of vocabulary, for both practical and intellectual purposes as increasingly confident, accurate and independent users of the language.
- Develop their ability to interact effectively with users of the language in speech and in writing, including through online media.
- Develop language learning skills and strategies, including communication strategies to sustain communication and build fluency and confidence.
- Engage critically with intellectually stimulating texts, films and other materials in the original language, developing an appreciation of sophisticated and creative uses of the language and understanding them within their cultural and social context.
- Develop knowledge about matters central to the society and culture, past and present, of the country or countries where the language is spoken.
- Mediate between cultures and between speakers of the language and speakers of English foster their ability to learn other languages.
- Equip themselves with transferable skills such as autonomy, resourcefulness, creativity, critical thinking, and linguistic, cultural and cognitive flexibility that will enable them to proceed to further study or employment.
- Develop their capacity for critical and analytical thinking through the language of study develop as independent researchers through the language of study.

Ms S Noordin

**Chinese Department**

# COMPUTER SCIENCE

## Introduction

Computer science is the study of the foundational principles and practices of computation and computational thinking and their application in the design and development of computer systems. The means by which computational thinking is expressed is by writing computer code. Therefore, the syllabus will focus more on the development of computational thinking which involves programming using high level languages.

## Why study Computer Science at AS or A Level?

Computer Science is widely accepted by universities and employers as proof of essential knowledge and ability. The syllabus provides a suitable foundation for the study of computer science or related courses at university level and is equally suitable for candidates intending to pursue careers or further study in computing, hardware engineering, software engineering/development, ICT and other specialist aspects of computer science.

## The aims of the curriculum are to:

- to develop computational thinking
- to acquire the skills required to develop computer-based solutions to problems.
- to develop an understanding that every computer system is made up of subsystems, which in turn consist of further subsystems
- to develop an understanding of the component parts of computer systems and how they interrelate, including software, data, hardware, communications and people

## Assessment

The two Assessment Objectives in Computer Science are:

- A Computational Skills
- B Knowledge and understanding

## Advanced Subsidiary Level

Paper	Title	Duration	Weight
1	Theory Fundamentals	1hr 30 mins	50%
2	Fundamental Problem-solving and Programming Skills	2 hrs	50%

## Advanced Level

Paper	Title	Duration	Weight
3	Advanced Theory	1 hr 30 mins	50%
4	Further Problem-solving and Programming Skills	2 hrs	50%

## Careers

Computer Science is dynamic; more careers are being created in the field every year.

The main career opportunities available in the field of Computer Science include;

- IT Systems engineer
  - Software development engineer
  - Hardware engineer
  - Applications developer
  - Programmer analyst
  - Wireless and communications engineer
  - Network administrator
  - Software engineer
  - Systems analyst
  - Computer operations engineer
  - Head of computing/Computer science
  - E-Commerce specialist
  - Internet solutions developer
  - Web Master
  - Graphics designer
  - Information systems manager
  - Programmer
  - Tele-communications engineer
  - Database administrator
  - Real time systems engineer
  - Computer science Consultant
  - ICT manager
- among others

### **Qualifications for candidates to do Computer Science at AS Level**

Students who wish to take Computer Science in AS and A Level should be prepared to work hard consistently in theory, computational skills and programming concepts. To qualify to take the subject a candidate should have attained at least a **grade C in Computer Science** or a **grade A in Mathematics** at IGCSE.

Mr W Gichohi

Mr T Obunga

**Computer Science Department**

# AS AND A2 DRAMA AND THEATRE STUDIES

## Why study this subject?

- Your study of Drama will help you develop a detailed knowledge of the history of theatre in a variety of cultures and contexts.
- You will develop practical performance skills, both within a group and individually.
- You will develop your analytical skills as you reflect on your own performance and that of others, including professional
- You will have the opportunity to develop effective group work skills as well as your ability to work under your own initiative in pressurised situations.

## Entry requirements:

A pass in English or Literature, plus passes in Art, Humanities or Sciences is a requirement as well as a proven interest in Drama and commitment to practical work. Prior study of Drama would be an added advantage.

## How will I be assessed and examined?

This course is offered at both AS and A levels.

The AS course consists of two units:

### UNIT 1.

Interpreting drama.

Knowledge and understanding of drama and theatre

Study of one set play from a choice of seven

Analysis and evaluation of the work of live theatre

### How it is assessed

Written exam: 2 hours

Open book 80 marks

40% of AS

### UNIT 2.

#### Process and performance.

Practical exploration and theatrical interpretation of two extracts (Extract 1 and 2) each taken from a different play.

Methodology of a prescribed practitioner must be applied to Extract 2

Extract 2 is to be performed as a final assessed piece (students may contribute as a performer, set/lighting/costume designer or director). This work is then analysed and evaluated in a written portfolio.

### How is it assessed?

Performance of Extract 2 (30 marks)

Portfolio (30 marks)

Ms C Patterson

Mrs S Okech

**Drama Department**

# ECONOMICS

## Why choose Cambridge International AS and A Level

### Economics

Success in Cambridge International AS Level and A Level Economics is accepted by universities and employers as proof of essential knowledge and ability. Successful Cambridge International AS and A Level candidates gain lifelong skills, including:

- the ability to explain and analyse economic issues and arguments
- the ability to evaluate economic information and organise, present and communicate ideas and Judgements clearly
- a sound foundation of economic ideas including an introduction to the price system and government intervention, international trade and exchange rates, the measurement of employment and inflation and the causes and consequences of inflation.

#### *Prior learning*

**Candidates beginning this course are not expected to have studied Economics previously.**

At AS level, the course includes seven main components. They are:

- ❖ Basic Economic ideas
- ❖ The Price system
- ❖ Government Intervention in the price system
- ❖ International Trade
- ❖ Theory and measurement in the macro-economy
- ❖ Macro-economic problems
- ❖ Macro-economic policies

#### **The A2 course includes**

- ❖ Basic economic ideas
- ❖ The Price System and the Theory of the Firm
- ❖ Government Intervention in the Price System
- ❖ Measurement in the macro-economy
- ❖ Macroeconomic Problems
- ❖ Macroeconomic Policies

## Which careers require an A level in Economics?

Economics would prove to be very useful in the following career areas:

- ❖ Law
- ❖ Banking
- ❖ Finance
- ❖ Commerce
- ❖ Business administration
- ❖ Diplomacy
- ❖ Government & NGOs
- ❖ Journalism
- ❖ Environmental management

## How is ECONOMICS examined at AS and A level?

Paper	Weighting	
	AS Level	A Level
<b>Paper 1</b> 30 multiple choice questions (Core)	40%	20%
<b>Paper 2</b> (a) Data response (Core) 1 question (b) Structured essay (Core) 1 from a choice of 3	30%	15%
<b>Paper 3</b> 30 multiple choice questions (Supplement)		15%
<b>Paper 4</b> (a) Data response (Supplement) 1 question (b) Essays (Supplement) 2 from a choice of 6		10%
		25%

Papers 1 and 2 are for both AS Level and A Level candidates. Papers 3 and 4 test the topics in the Supplement, but also require a knowledge and understanding of the topics in the Core.

Mr W Mwai

Mrs C Ogwen

Mr M Nyoro

**Economics Department**

# AS/A2 ENGLISH LANGUAGE

**Instilling the analytical reading and various writing skills necessary for all courses that use the English language.**

The aims of this one (1) year or two (2) year course are to build analytical skills already established at IGCSE. The specific skills include the development of critical and informed responses to a variety of writing forms and styles and the interdependent skills of reading, analysis and communication. It is also a creative course, encouraging imaginative writing. To achieve these aims students are introduced to a myriad of writing styles: novels, plays, poetry, information texts, newspapers, advertising, pamphlets etc. they are also given the tools with which to examine the different forms of writing. Students will understand the power of language and understand how important effective communication is.

Students will be encouraged to develop their writing skills to encompass a wide range of styles and purposes that are likely to be useful later in life. In addition, they will research and participate in many discussions of local and global interest, followed by presenting their views in discursive or argumentative forms. The A2 course gives students the chance to explore how language helps to shape individuals in society, as well as to consolidate the skills learnt at AS.

The AS examination consists of two (2) papers. Paper 1 is (2hours and 15 minutes) and paper 2 is (2 hours).

## **Paper1: Passages for Comment (2hours and 15 minutes)**

They will be required to answer two questions; each one will involve a commentary on the use of language in the passage followed by a directed writing task based on the passage.

## **Paper 2: Compositions (2 hours).**

Students will be asked to answer 2 questions. They will be required to write one narrative/descriptive piece as well as a discursive/argumentative piece (each of about 600-900 words)

Both papers have equal weighting of 50 marks each.

The A2 examination consists of two (2) papers. Paper 3 is (2hours and 15 minutes) and paper 4 is (2 hours).

## **Paper3: Text Analysis (2hours and 15 minutes)**

Candidates will be required to answer two questions; each one will involve analysis of given texts and a directed writing task based on the use of language in the passage followed by a comparative writing task based on two passages.

## **Paper 4: Language Topics (2 hours and 15 minutes).**

Candidates will be asked to answer 2 questions. Each question will incorporate a short stimulus (such as a relevant text extract or speech transcription) relating to the topic areas. Candidates will be expected to refer to this and to their own wider reading and research in answering.

Both papers have equal weighting of 50 marks each.

**Effective communication is the key to success.  
It is a powerful tool in all walks of life.**

Mrs B Gaya-Teyie

Ms B McConnell

Mrs S Okech

Mrs S Madahana

**English Department**

# AS/A2 LITERATURE IN ENGLISH

**If you are consider degrees in Law, Politics, International Relations, or any other analytical, essay based course then Literature is for you.**

The aim of this one (1) year or two (2) year course is to encourage an appreciation of texts from different periods and cultures. This leads to enhanced independent reading and analytical skills, which in turn creates confident adults with effective and appropriate communication skills.

At AS/A2 level students study Poetry, Prose, Drama and Commentary and Appreciation extending the skills already developed at IGCSE Literature. What better way is there to understand great times and events of the past, be involved in contemporary ideas or speculate on possible futures?

The AS/A2 texts in 2018 span continents and centuries with authors from Shakespeare, to Tennessee Williams and from Charles Dickens to Jhumpa Lahiri offering an exciting array of characters, settings and plots.

## **Paper 3: Poetry and Prose**

A passage-based and an essay type question are set on each text. Students will need to exhibit clear understanding and an informed independent opinion of the text. They will also be expected to demonstrate effective understanding of narrative methods as well an understanding of the writer's choice of form, structure and language that shapes meaning.

## **Paper 4: Drama**

A passage-based and an essay type question are set on each text. Students will be expected to exhibit all the skills necessary for Paper 3 as well as an appreciation for the dramatic qualities of the text.

## **Paper 5: Shakespeare and other pre - 20<sup>th</sup> Century Texts**

A passage-based and an essay type question are set on each text. Students will need to exhibit clear understanding and an informed independent opinion of the text. They will also be expected to demonstrate effective understanding of the influence of the different eras of literary works and narrative methods as well as an understanding of the writer's choice of form, structure and language that shapes meaning.

## **Paper 7: Comment and Appreciation**

Three passage-based questions are set from each of the literary genres of Poetry, Prose and Drama. Students will be expected to attempt one and exhibit all the skills necessary for the genre chosen as well as show an appreciation for the linguistic and literary qualities of the text.

The AS and A2 examination both consist of two (2) papers, each of two (2) hours duration.

**Effective communication is the key to success.  
It is a powerful tool in all walks of life.**

Mrs B Gaya-Teyie  
Mrs R Mbogori  
Mrs S Madahana  
Ms B McConnell  
**English Department**

# FRENCH

## Why Study French at AS or A Level?

Studying French at an advanced level can be a stimulating experience as the course aims to develop the student's ability to gain:

- a) A lasting appreciation of language and learning
- b) The ability to comprehend French in a wide range of contexts
- c) The ability to communicate readily in French for a variety of purposes
- d) A useful knowledge of, and insights into, past and contemporary French-speaking culture
- e) Valuable skills for foreign travel, further education and employment

## Course content

The study of French at 'AS' and 'A' Level is based around General Topic Areas such as:

- ✓ Social issues and trends (Aspects of French society)
- ✓ Artistic culture in the French world
- ✓ Grammar
- ✓ Works: Literary texts and films Media

## Careers in which French is useful include:

- All careers particularly those involving Travel and Communication
- Journalism, Aviation, International Business and Market research
- The Diplomatic service
- International Law and Finance, Library and Information services
- Interpretation and Translation
- Foreign language teaching
- Language and speech therapy (must be combined with a science)

## How is French examined at AS level?

The course will be assessed by examination only and will be externally assessed by AQA. The students are required to complete 2 years on the course units at AS level and A Level.

The specification is available for assessment in the June series.

## **Assessments Paper 1: Listening, reading and writing**

What's assessed

- Aspects of French society
- Artistic culture in the French world
- Grammar

### **How it's assessed**

- Written exam: 1 hour 45 minutes • **90 marks**
- 45 % of AS Questions
- Listening and responding to spoken passages from a range of contexts and sources covering different registers and adapted as necessary. Material will include complex factual and abstract content and questions will target main points, gist and detail. Studio recordings will be used and students will have individual control of the recording. Questions in French to be answered with non-verbal responses or in French (**35 marks**).
- Reading and responding to a variety of texts written for different purposes, drawn from a range of authentic sources and adapted as necessary. Material will include complex factual and abstract content and questions will target main points, gist and detail. (**45 marks**).
- Translation into English; a passage of minimum 70 words (**10 marks**).

### **Paper 2: Writing**

#### **What's assessed**

- One text or one film from the lists in the specification
- Grammar

#### **How it's assessed**

- Written exam: 1 hour 30 minutes • **50 marks**
- 25 % of AS Questions
- Translation into French; a passage of minimum 70 words (**15 marks**).
- Either one question in French on a set text from a choice of two questions or one question in French on a set film from a choice of two questions (**35 marks**).
- All questions will require a critical response to aspects such as plot, characterisation, imagery or other stylistic features as appropriate to the work studied. No access to texts or films during the assessment. Students are advised to write approximately 250 words for the essay.

### **Paper 3: Speaking**

#### **What's assessed**

One sub-theme from Aspects of French society and one sub-theme from Artistic culture in the French world.

#### **How it's assessed**

- Oral exam: 12 – 14 minutes • **60 marks**
- 30 % of AS Questions Discussion of two sub-themes (6 – 7 minutes on each) with the discussion based on a stimulus card for each sub-theme. The student studies the cards for 15 minutes before the test begins. Students may take the assessment only once

The AS examination tests the linguistic skills of the student, but at a higher level in more demanding and open-ended tasks using a wider language register.

Mrs D Kyalo

Mr J Wamboo

**French Department**

# GEOGRAPHY

At AS Level students study the following core topics:

## **Core Physical Geography**

Hydrology and fluvial geomorphology

Atmosphere and weather

Rocks and weathering

## **Core Human Geography**

Population

Migration

Settlement dynamics

During the second year of the course, students study **two** options from the following topics:

## **Advanced Physical Geography Options (two options)**

Tropical environments

Coastal environments

Hazardous environments

Hot arid and semi-arid environments

## **Advanced Human Geography Options (two options)**

Production, location and change

Environmental management

Global interdependence

Economic transition

## **Geography is useful in the following careers:**

Agriculture, Air traffic control, Cartography/ map making, Wildlife conservation, Ecology, Environmental science, Estate management, Export/ Importing, Forestry, Geographical information systems, Geology, Journalism – periodicals/ travel features writer, Landscape architecture, Leisure Management, Market researcher, Merchant Navy – Navigation, Meteorology, Surveying, Teaching, Tourism/ Tour operations, Town and country planning, Traffic management, Transport management/ planning and Travel Agency.

## AS Level - assessment

		AS	A level		
Paper 1	<b>Core Physical Geography</b> 1 hour 30 minutes	50%	25%	Section A	Three data response questions (30 marks)
				Section B	One structured question from a choice of three (30 marks) <b>Total - 60 marks</b>
Paper 2	<b>Core Human Geography</b> 1 hour 30 minutes	50%	25%	Section A	Three data response questions (30 marks)
				Section B	One structured question from a choice of three (30 marks) <b>Total - 60 marks</b>

## Advanced Level - assessment

		AS	A level		
Paper 3	<b>Advance Physical Geography Options</b> 1 hour 30 minutes	-	25%	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). <b>Total - 60 marks</b>	
Paper 4	<b>Advanced Human Geography Options</b> 1 hour 30 minutes	-	25%	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). <b>Total - 60 marks</b>	

Mr A Kimwele  
 Mr O Milafu  
 Ms L Ajwalla  
 Mr J Muturi  
**Geography Department**

# GERMAN

## Why Study German at AS or A Level?

- a) Speaking German connects you with approximately 229 million people in the world.
- b) German is the official language in Germany, Austria, Switzerland, Luxembourg and Liechtenstein.
- c) Germany is a world leader in new technological developments.
- d) Germany is home to 40% of the most innovative companies worldwide.
- e) Education in most German Universities is free.

## Careers in which German is useful include:

- Journalism
- Aviation
- Engineering
- International business
- The Diplomatic Service
- International Law and Finance
- Market research
- Library and information services
- Hospitality/travel and tourism i.e. hotel and resort management
- Interpretation and translation
- Foreign language teaching
- Language and speech therapy (in combination with a science)

## Course aims

The course aims to develop the student's ability to:

- Further intellectual and personal development by promoting learning and social skills.
- Derive enjoyment and benefit from language learning.
- Communicate confidently, clearly and effectively with speakers of the language.
- Use language in a variety of contexts, genres and for different purposes.
- Show insight into target language society, culture and heritage.
- Acquire knowledge, skills and understanding for practical use, further study and/or employment.
- Take their place in a multilingual global society.

## Course content

The study of German at AS level comprises:

- ✓ Social issues and trends in German-speaking society
- ✓ Artistic culture in the German-speaking world
- ✓ Grammar
- ✓ One film or text

The study of German at A-level additionally includes:

- ✓ Multiculturalism in a German-speaking country
- ✓ Political life in the German-speaking world
- ✓ One film and one text or two texts
- ✓ Individual research project relating to a German-speaking country

## How is German examined at AS and A-level?

The course is assessed by examination only externally by AQA.

		<b>Tasks</b>	<b>% AS</b>	<b>% A-level</b>	<b>Length of exam</b>
<b>Paper 1</b>	Listening, reading and writing	Listening comprehension questions (answers in German) Reading comprehension questions (answers in German) 70-word translation into English	45%	-	1 hour 45 minutes
<b>Paper 2</b>	Writing	70-word translation into German 250-word essay on text or film	25%	-	1 hour 30 minutes
<b>Paper 3</b>	Speaking	12-14 minute discussion of two stimulus cards (based on different topics studied)	30%	-	27-29 minutes (including 15 minutes preparation time)
<b>Paper 1</b>	Listening, reading and writing	Listening comprehension questions (answers in German) Reading comprehension questions (answers in German) 100-word translation into English 100-word translation into German	-	50%	2 hours 30 minutes
<b>Paper 2</b>	Writing	A 300-word essay on each text or film and text studied	-	20%	2 hours
<b>Paper 3</b>	Speaking	5-6 minute discussion of a stimulus card (based on different topics studied) 2 minutes presentation followed by 9-10 minute discussion of individual research project	-	30%	21-23 minutes (including 5 minutes preparation time)

The syllabus is linear, so students either study for one year and take the AS exams at the end of the year or for two years and take the A-level exams at the end of the two years.

Mr R Mwangi  
**German Department**

# HISTORY

## Why study ... HISTORY at AS or A level?

The study of 'A' level history provides the student with an opportunity to analyse the major human developments during selected historical periods. The subject will help develop critical thinking skills.

### Course content

The first year of the course covers the **AS** syllabus

This requires candidates to study one area and period in History. The examination includes source based studies through which candidates develop their skills of interpreting and evaluating sources. The essay questions expect students to answer in continuous prose. Candidates' answers should be focused on the question and should show depth of historical understanding and evidence of reading.

The Topics studied for AS includes:

- ❖ Source based question:
- ❖ The search for international peace and security 1919 and 1945
- ❖ France 1789-1804
- ❖ Industrialization: The industrial revolution 1800-1850 in Britain, France and Germany
- ❖ Nationalism: The origins of the first world war 1900-1914
- ❖ Imperialism
- ❖ Russian Revolution 1905 – 1917

During the second year of the course leading to the A2 examination, the course includes:

- ❖ Source based question:
- ❖ Origins and development of the cold war 1941-1950.
- ❖ Europe of the dictators 1918-1941
- ❖ International History 1945-1991

The two periods are studied in order to identify patterns in and connections between, apparently contrasting events and developments. Students therefore learn to portray a greater understanding of History because all political social, cultural and economic developments have their roots in the past.

There are many careers which require history at 'A' level; therefore it is useful as preparation for careers in Law

There are many careers which require history at 'A' level; therefore it is useful as preparation for careers in:

- ❖ Law
  - ❖ Finance
  - ❖ Politics
  - ❖ Diplomatic service
  - ❖ Philosophy
  - ❖ Anthropology
  - ❖ The media
  - ❖ Writer
  - ❖ Company Secretary (Legal Advisor)
  - ❖ Strategic planning
  - ❖ Project manager
  - ❖ Research
  - ❖ Hospitality
  - ❖ Human Resource Manager
  - ❖ Forensic Criminal Investigation
- amongst others

If you want to study law at university you should check the entry requirements. Some universities prefer an 'A' level in History.

### How is HISTORY examined at AS and A level?

#### AS Level

Component 1	1 Hour	Document based. Compulsory questions on the search for international peace and security 1919-1945.
Component 2	1 hour 30 minutes	Outline study: Choice of questions on the other three topics listed.

#### A2 Level

Component 3	1 Hour	Interpretations question on origins and development of the cold war 1941-1950.
Component 4	1 hour 30 minutes	Depth study: Choice of two questions out of five.

Ms J Kariuki  
Mr D Mwangi  
Mrs L Henderson  
**History Department**

# LAW

## Why study ... LAW at 'AS' and 'A' level?

### **Course aim**

The main aim of the course is to provide grounding in the main principles of the law prevailing in England and Wales. It will enable students to develop knowledge, understanding and critical awareness of the structure, personnel and operation of the English legal system and of two areas of substantive law as well as encouraging them to develop skills of analysis and problem solving through application of legal rules.

### **Subject Content**

#### **Paper 1**

##### **Structure and operation of the English Legal System**

Unit 1 Sources of Law

Unit 2 Machinery of Justice

Unit 3 Legal personnel

Together these topics provide a detailed insight into the origins and development of law, functions and proceedings of legal institutions and of the roles of those working within those institutions.

#### **Paper 2**

##### **Data Response**

Candidates study the same content as for paper 1, but in paper 2 the candidates ability to analyse a given case is tested.

#### **Paper 3**

##### **Law of Contract**

Unit 1 Formation of Valid Contracts

Unit 2 Contents of Contracts

Unit 3 Vitiating Factors

Unit 4 Remedies for Breach

#### **Paper 4**

##### **Law of Tort**

Unit 5 Negligence and Occupier's Liability

Unit 6 Private Nuisance and Rylands v Fletcher

Unit 7 Trespass

Unit 8 Remedies

## Careers which require Law are:

- ❖ Law
- ❖ International Relations
- ❖ Politics

As with all Humanities based subjects this AS/A Level would be useful to access to a wide range of Humanities based courses.

However, Law is also very useful in the following careers:

- ❖ Media
- ❖ Business and Law
- ❖ Publishing
- ❖ Journalism

## How is LAW examined at AS and A level?

**Paper 1: The structure and Operation of the English legal System**

**Paper 2: Data Response: The English Legal System**

**Paper 3: Law of Contract**

**Paper 4: Law of Tort**

### **Advanced Level**

Paper	Type	Duration	Max. mark	Weight	Number of questions
1	Essay	1hr30	75	30%	3 from 6
2	Data response	1hr30	50	20%	1 from 2
3	Essays and Problems	1hr30	75	25%	3 from 6
4	Essays and Problems	1hr30	75	25%	3 from 6

# MATHEMATICS

## Why Study ... MATHEMATICS at AS or A levels?

Mathematics is the language of the sciences and will therefore support any combination of Physics, Chemistry and Biology. The skills and concepts studied also combine well with Economics, Business Studies, Accounts and Geography.

### Course Content

The AS level course includes:

UNIT P1	Pure Mathematics 1:	Quadratics Functions Coordinate Geometry Circular Measure Trigonometry Series Differentiation and its application Integration and its application
UNIT S1	Probability & Statistics 1:	Representation of data Permutations and combinations Probability The binomial distribution Discrete random variables and Normal distribution

The A2 Level curriculum contains the following units in addition to unit P1 and unit S1 above.

UNIT P3	Pure mathematics 3:	Algebra Logarithms and exponential functions Trigonometry 2 and its application Differentiation 2 and its application Integration 2 Numerical Solution equations Vectors Differential equations and complex numbers
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**Mathematics at 'A' Level is essential if you wish to go into a career in:-**

Engineering  
Computers

It is also very useful in the following careers:

- ❖ Economic / Banking      Business Management      Actuarial Science
- ❖ Accounts      Pharmacy      Medicine

**How is MATHEMATICS examined at AS and A Level?****AS Level**

Paper 1	1 Hour 50 minutes	60% (30%)	Pure Mathematics 1
Paper 6	1 ¼ Hours	40% (20%)	Probability and statistics 1

**A Level**

Paper 3	1 Hour 50 minutes	30%	Pure Mathematics 3
Paper 4	1 ¼ Hours	20%	Mechanics 1

Mr M Bingwa

Mr V Gopal

Mr R Abraham

Mr V Owondo

Mr S Nyaga

**Mathematics Department**

# AS/A LEVEL MUSIC

## WHY STUDY MUSIC AT A/AS LEVEL?

As with IGCSE Music, A/AS Level Music offers students a largely practical option. We use the Cambridge International A Level syllabus, which is the only International A' level course currently available. It provides students with the opportunity to deepen their theoretical and historical knowledge and musical appreciation, as well as further develop compositional and performance skills. The course is therefore broken down into three components: performance, composition and listening/music analysis. All three are studied and assessed in the first and second year of study. Changes regarding the structuring of A Level assessments mean that the results achieved at AS level will not be carried forward into a candidates final A level grade.

### Assessment overview

All candidates take:

#### Paper 1

Listening 2 hours  
100 marks

There are three sections in the Listening paper:

A: Compositional Techniques and Performance Practice

B: Understanding Music

C: Connecting Music

Externally assessed

60% of the AS Level

30% of the A Level

and:

#### Component 2

Practical Music Coursework  
100 marks

There are two compulsory elements: performing and composing.

Candidates must complete:

- 6–10 minute performance
- two contrasting compositions, 1–2 minutes each

Internally assessed and externally moderated.

40% of the AS Level

20% of the A Level

A Level candidates take two of either:

#### Component 3

Extended Performance Coursework  
100 marks

There are two parts to Extended Performance:

- 15–20 minute performance
- 1000–1500-word research report

Externally assessed

25% of the A Level

or:

#### Component 4

Extended Composition Coursework  
100 marks

There are two parts to Extended Composition:

- 6–8 minute composition
- 1000–1500-word research report

Externally assessed

25% of the A Level

or:

#### Component 5

Investigating Music Coursework  
100 marks

There are two parts to Investigating Music:

- 2500–3000-word essay
- up to 500-word reflective statement

Externally assessed

25% of the A Level

# PSYCHOLOGY

## Why study ... PSYCHOLOGY at 'AS' and 'A' level?

### The syllabus encourages:

An interest in, and appreciation of, psychological principles through an exploration of the ways in which psychology is conducted. This includes a review of a number of important research studies and an opportunity to look at the ways in which psychology has been applied.

The syllabus is divided into the Core Studies (Paper 1 and Paper 2) at AS Level and the Specialist Choices (Paper 3 and 4) at A2. The Core Studies have been selected to reflect five core areas of Psychology:

- ❖ Cognitive
- ❖ Social
- ❖ Biological
- ❖ Learning
- ❖ Research Methods

The Specialist Choices include Psychology of Consumer behaviour, Health, Organisations, and Abnormality. At Brookhouse, in the A2 classes, we study Abnormal Psychology and Health Psychology. In contrast to the first part of the course, this part looks at the application of theoretical and research issues in prescribed areas. Students are expected to study specific examples of work in their two chosen areas: health and abnormality. Students will apply the core studies to the chosen specialist area.

Students are encouraged to study sufficient psychological research to be able to illustrate the issues in the syllabus and evaluate them.

Careers in which the study of psychology at AS or A level is useful include:

- ❖ Clinical professions : medicine, behavioural sciences, public health, counselling , experts
- ❖ Educational professions : teaching, educational leadership, educational psychology
- ❖ Industrial & Organisational psychology, Organisational behaviour, Human resource management
- ❖ Marketing & Management, Advertising & Marketing
- ❖ Law & Criminology
- ❖ Ergonomics & Human factors in Engineering

### How is PSYCHOLOGY examined at A and AS level?

For Cambridge International AS and A Level Psychology, 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 Cambridge International AS Level qualification) in one examination series, then Papers 3 and 4 (for the Cambridge International A Level qualification) in a later examination series

or

- take Papers 1, 2, 3 and 4 in the same examination series, leading to the full Cambridge International A Level.

Component	Weighting	
	AS Level	A Level
<p><b>Paper 1 Approaches, issues and debates</b>      <b>1 hour 30 minutes</b></p> <p>Candidates answer <b>all</b> questions.  Short answer questions and an essay question, based on core studies.  Candidates answer each question in the spaces provided on the question paper.  60 marks</p>	50%	25%
<p><b>Paper 2 Research methods</b>      <b>1 hour 30 minutes</b></p> <p>Candidates answer <b>all</b> questions.  Section A: Short answer questions, some based on the core studies (22 marks).  Section B: Scenario-based questions (24 marks).  Section C: A design-based question divided into two parts (14 marks).  Candidates answer each question in the spaces provided on the question paper.  60 marks</p>	50%	25%
<p><b>Paper 3 Specialist options: theory</b>      <b>1 hour 30 minutes</b></p> <p>Candidates answer <b>two</b> questions from <b>two</b> specialist options. Each specialist option is out of 30 marks.  Question 1: The question is divided into three parts (12 marks).  Question 2: Structured essay-based question divided into two parts (18 marks).  60 marks</p>	–	25%
	AS Level	A Level
<p><b>Paper 4 Specialist options: application</b>      <b>1 hour 30 minutes</b></p> <p>Candidates answer questions from <b>two</b> specialist options.  Section A: Candidates answer <b>two</b> questions from a choice of four (30 marks). Each of these questions is based on stimulus material and is divided into four parts.  Section B: Candidates answer <b>one</b> design-based question from a choice of four (18 marks). Each question is divided into two parts.  Section C: Candidates answer <b>one</b> essay question from a choice of four (12 marks).  60 marks</p>	–	25%

Availability: This syllabus is examined in the June and November examination series. This syllabus is also available for Examination in March 2018, 2019 and 2020 for India only. This syllabus is available to private candidates.

Detailed timetables are available from [www.cie.org.uk/examsOfficers](http://www.cie.org.uk/examsOfficers) in 2018; both 9698 and 9990 will be available.

Please see the inside back cover for more information. Centres in the UK that receive government funding are advised to consult the Cambridge website [www.cie.gov.uk](http://www.cie.gov.uk) for the latest information before beginning to teach this syllabus.

Combining this with other syllabuses. Candidates can combine this syllabus in an examination series with any other Cambridge syllabus, except:

- Syllabuses with the same title at the same level
- 9698 AS/A Level Psychology.

# PHYSICAL EDUCATION

***Please note we currently follow the EDEXCEL syllabus, something which enables us to continue studies on into A2 Level. The subject is linear, and so whilst the students undertake the AS exam to check progress, if they continue to A2, then the grade achieved at AS does not contribute to their final grade and instead is considered a bench mark for the predicted grade.***

***Pre-requisite: all students must have the foundation of IGCSE Physical Education***

This course places the student at the centre of the learning experience. Students are encouraged to review their current participation and performance levels in sport and to identify the opportunities which are available to both locally and nationally. Students will be required to not only participate but also officiate and take on a leadership role in a chosen sport.

**How will I be assessed and examined?**

**Course Content.**

Unit 1 – Scientific Principles of Physical Education (40% of qualification)

- Topic 1: Applied Anatomy and Physiology
- Topic 2: Exercise Physiology and applied Movement Analysis

Biomechanics is embedded across the two topics.

**Assessment takes the form of a 1hr 45min written examination in AS and a 2hr 30 min hour written examination at A Level.**

Unit 2 – Psychological and Social Principles of Physical Education (30% of qualification)

- Topic 3: Skill Acquisition
- Topic 4: Sports Psychology
- Topic 5: Sport and Sociology

**Assessment takes the form of a 1hr 15 min written examination in AS and a 2 hour written examination at A Level.**

Unit 3 – Skills in Physical Activity (15% of qualification)

- Students select one sport which they train for over the academic year.
- Students are internally assessed through the filming of core skills and match play
- Students are externally moderated.

Unit 4- Performance Analysis

- This is a non-examinable section of the qualification, although students are internally assessed and externally moderated.

As part of the analysis students are required to analyse the following:

- Physiological component of performance
- Either a technical or tactical analysis of performance

## **Why study Physical Education at AS Level.**

It is a qualification that has a broad range of topics covered.

This can allow those who wish to study sport at university to follow courses in

- Sports Coaching
- Sports Psychology
- Sports Management
- Sports Biomechanics
- Sports Scientist
- Teaching.

If students also have an A Level in chemistry in the future they can undertake the Graduate Medicine programme to become a doctor, if the students have biology they can go on to study for a Masters in Physiotherapy and there are also entry routes in sports law.

Miss L Curley

**Physical Education Department**

# A-LEVEL PHYSICS

## Why study ... Physics at 'AS' and 'A' level?

Through the course students develop a systematic body of scientific knowledge and the skills needed to apply this in new and changing situations in many domestic, industrial, environmental and scientific research contexts.

Students also develop an appreciation of the practical nature of physics, and develop experimental and investigative skills based on correct and safe laboratory techniques.

Students are enabled to form hypotheses and design experiments to test them.

Additionally they are enabled to evaluate, in terms of their scientific knowledge and understanding, the benefits and drawbacks (including social, environmental and economic) of scientific and technological developments.

### Course Content:

A-level Physics allows students to appreciate how fundamental Science works and to study topics that particularly interest them – including Telecommunications, Medical Physics and Classical Physics. The A-level Physics 9720 specification gives students a seamless transition from IGCSE to university courses in Engineering and Physics-related disciplines. It maintains students' enthusiasm for Physics and develops their interest in the subject. The laboratory option offers practical and investigative experience throughout the two years of study. The AS and A2 years offer a traditional specification based on the theories and concepts of Physics, for example Radioactivity, Quantum Phenomena, Electricity, Fields, Waves and Mechanics and Doppler effect including practical physics.

In the full 'A' Level the candidates will study the above topics in detail and also Applications in Physics which includes topics on:

- The use of direct sensing in electronic circuits
- Remote sensing and medical imaging techniques
- Communicating information in satellites, radio and mobile phone networks that have now been amalgamated in the various topics of the syllabus.

The syllabus emphasizes the importance of skill rather than recall and incorporates social, environmental, economic and technological aspects of physics wherever possible. It is expected that students make full use of ICT throughout the course.

Careers which usually require 'A' level Physics are:

- All branches of Engineering
- Space science
- Biotechnology
- Medical electronics
- Optometry
- Teaching Physics
- Radiography
- Architecture

Careers in which Physics is useful include:

- Motor Mechanics
- Electrician
- Computer science
- Many branches of Medicine
- Laboratory technician
- Aviation
- Textile technology
- Environmental science
- Sports science
- Design
- Medical Electronics
- Photography and Audiovisual techniques
- Telecommunications

How is PHYSICS examined at AS and A2 Level?

AS Level

Paper 1	1 Hour	31%	Multiple-choice question covering the whole syllabus
Paper 2	1 Hour	46%	Compulsory structured questions covering the whole syllabus
Paper 3	2 Hours	23%	Practical test

A2 level

(You must successfully complete the AS course and pass the exam)

Paper 4	2 Hrs	38%	Compulsory structured questions covering the whole syllabus
Paper 5	1 Hr 15 min	12%	Planning, analysis and evaluation based on practical physics

Mr E Ombui  
Mr N Ogadho  
Mr H Odhiambo  
Mrs S Pandit  
**Physics Department**

# SOCIOLOGY

## Why study ... Sociology at 'AS' and 'A' level?

In a rapidly changing world, Cambridge International A & AS Level Sociology offers students the opportunity not only to explore the processes that are shaping current trends, but also to develop an understanding of the complexity and diversity of human societies and their continuities with the past.

The study of Sociology should stimulate awareness of contemporary social, cultural and political issues, and focus attention on the importance of examining these issues in a rigorous, reasoned and analytical way. The AS Level provides a solid grounding in the central ideas and approaches in Sociology. A-Level students can choose to explore a variety of important areas of sociological enquiry including education, global development, media and religion.

### Course Content

For the AS Level, candidates will study two units:

Unit 1 – The family

Unit 2 – Theory and methods

The AS Level will be assessed through two written papers, Paper 1 and Paper 2. These papers both test units 1 and 2. In each of Paper 1 and Paper 2, candidates answer one compulsory data response question and one essay question from a choice of two.

For the A Level, candidates will study units 1 and 2 plus up to four additional units:

Unit 3 – Education

Unit 4 – Global development

Unit 5 – Media

Unit 6 – Religion

The syllabus allows candidates to study sociology in the context of different societies, including their own, and from a wider global perspective. The distinction between traditional and modern societies is a central theme in most of the study units.

### *Assessment*

The A Level will be assessed through three written papers, Papers 1, 2 and 3.

Papers 1 and 2 are the same as for the AS Level.

In Paper 3, candidates answer three essay-style questions from a choice of eight.

Paper 3 is in four sections, one for each of the units 3 to 6. There are two essay questions in each section and candidates must choose three questions from three different sections.

## **Sociology as subject is useful in the following careers**

- Law
- Economics
- Management
- Medicine
- Social work
- Counseling
- Business
- Psychology
- International relations
- Marketing
- Journalism
- Criminal Justice Professional
- Therapist
- Human Resources Professional
- Research Analyst
- Environmental Consultant
- Government Analyst
- Policy Making
- NGO Professional
- Health Industry Professional

Mrs C Ogweno

**Sociology Department**

# SPANISH

## Why Study Spanish at AS and A Level?

The topics studied at A2 Level are:

1. Social issues and trends
2. Political and Artistic culture
3. Grammar

### **Options**

4. Works: Literary texts and films

### **Assessments**

#### **Paper 1 : Listening, Reading and Writing**

What's assessed?

Aspects of Hispanic society, Artistic culture in the Hispanic world, Multiculturalism in Hispanic society  
Aspects of political life in Hispanic society and Grammar

#### **How it's assessed**

Written exam: 2 hours 30 minutes

100 marks

50% of A-level

### **Questions**

- Listening and responding to spoken passages from a range of contexts and sources covering different registers and adapted as necessary. Material will include complex factual and abstract content and questions will target main points, gist and detail. Studio recordings will be used and students will have individual control of the recording.

- All questions are in Spanish, to be answered with non-verbal responses or in Spanish (30 marks)

Reading and responding to a variety of texts written for different purposes, drawn from a range of authentic sources and adapted as necessary. Material will include complex factual and abstract content and questions will target main points, gist and detail.

- All questions are in Spanish, to be answered with non-verbal responses or in Spanish (50 marks)

Translation into English; a passage of minimum 100 words (10 marks)

Translation into Spanish; a passage of minimum 100 words (10 marks).

### **Paper 2 : Writing**

**What's assessed?**

- One text and one film or two texts from the list set in the specification
- Grammar

**How it's assessed**

Written exam: 2 hours

80 marks in total

20% of A-level

## Questions

- **Either** one question in Spanish on a set text from a choice of two questions and one question in Spanish on a set film from a choice of two questions **or** two questions in Spanish on set texts from a choice of two questions on each text.
- All questions will require a critical appreciation of the concepts and issues covered in the work and a critical and analytical response to features such as the form and the technique of presentation, as appropriate to the work studied (eg the effect of narrative voice in a prose text or camera work in a film).

No access to texts or films during the assessment. No access to a dictionary during the assessment. Students are advised to write approximately 300 words per essay.

## Paper 3 : Speaking

### What's assessed?

Individual research project

One of four themes (ie Aspects of Hispanic society or Artistic culture in the Hispanic world or Multiculturalism in Hispanic society or Aspects of political life in Hispanic society)

### How it's assessed

Oral exam: 21–23 minutes (including 5 minutes preparation time)

60 marks in total

30% of A-level

### Questions

Discussion of a sub-theme with the discussion based on a stimulus card (5–6 minutes). The student studies the card for 5 minutes at the start of the test (25 marks).

Presentation (2 minutes) and discussion (9–10 minutes) of individual research project (35 marks).

No access to a dictionary during the assessment (including 5 minutes preparation).

Students may take the assessment only once before certification.

Assessments will be conducted by either the centre or a visiting examiner and marked by an AQA examiner.

Ms M Munene

**Spanish Department**

# BTEC ART & DESIGN

Here at Brookhouse School we offer a BTEC Level 3 Extended Diploma in Art and Design which is designed to introduce you to the main areas of 2D and 3D Art and Design. It provides practical experience as well as enabling students to focus on specific specialized subject areas in greater depth. Come and join us after your 'O' Levels or Form 4 (8-4-4) to experience something that can change your perspective about Art and Design.

## Why Study BTEC Art and Design?

1. Produce a strong portfolio covering all aspects of Art and Design
2. Excellent facilities with individual studio space from the beginning of the course till the end of the course.

BTEC Art and Design program is a vocationally based course that prepares you for a degree level study in a wide range of art and design disciplines. Through personalized support, you will have every opportunity to produce work of high standard together with tutor support. This course will also give students the opportunity to appreciate the work of local and international artists and designers and to learn about associated professional practice within the art and design industry.

This highly practically experimental course introduces you to a wide range of ideas and processes, encouraging you to work independently to develop your own practice after completion of the course. You will learn from an experienced team of local artists and teachers who combine teaching with a strong commitment to their own art practice. Students also take part in a program of educational visits trips to the museum, overnight trips to Mombasa, Amboseli game park etc.

## Some Specialist's subjects include:

- Fine art painting,
- Sculpture, print,
- Graphic design,
- Surface design,
- Textiles,
- Contextual studies.

## Progression pathway

BTEC Art and Design course prepares you for a progression to a variety of specialist art and design courses, including BA/BSC (Hons) degree and teacher training. BTEC Art and Design is recognized all over the world. Most Graduates apply to higher education related to the Art and Design industry. Most of the students apply to universities in the UK, Canada, and South Africa etc. Some of our previous students secured a place in Interior design at Birmingham University, looking at her portfolio and distinction credits she got offered into the second year of her course. One of them went off to South Africa to do a combined course in Engineering and Graphic Design. Brookhouse School provides all necessary support and guidance; whichever route your child may want to choose. A couple of our students got a 70% scholarship at one of the most prestigious Art College, Savannah College of Art and Design, (SCAD in the USA).

Mrs S Mughal

**BTEC Art & Design Department**

# **BTEC LEVEL 3 Enterprises and Entrepreneurship - Extended Diploma Level 3 (Full-time)**

Level 3 - BTEC National (A Level or IB or Equivalent)

## **Overview**

This course is designed for people desiring to pursue a career in Business Management and Entrepreneurship. It prepares students to be business owners and if employed, they portray entrepreneurship skills at work.

The course equips learners with the knowledge on how to use talent, passion and opportunities to generate and implement business ideas. By the end of the course, the learner will have covered content enough to start and run their businesses. The course not only requires students to generate business ideas, but write business plans that may be used to start and run the businesses.

The course is delivered in form of lectures, workshops, research and class discussions. Students are often exposed to real business environment by doing numerous visits to companies in various sectors. This helps in relating the theoretical concepts learnt in class and the real case studies.

## **Qualification Gained**

The course leads to the following qualification: Edexcel BTEC Level 3 Extended Diploma in Enterprise and Entrepreneurship. This is attained after **two** years of study. The programme is equivalent to 3 A Levels (with a maximum 420 UCAS points being available for this programme).

## **Learning Methods**

Studying and learning the knowledge and theory elements of the course inevitably means that some time will be spent in classrooms, lecture theatres and IT suites, but even there the emphasis is on practical application.

Students are encouraged to learn in team and make presentations so as to improve their communication skills.

Research skills are key in this course and this requires students to adhere to all academic research rules such as plagiarism. These skills give them an upper hand during university studies and other work related research and publications.

Some of your learning will be through e-learning and the course makes extensive use of Google Classroom, the Brookhouse's intranet site.

## **Assessment Methods**

The majority of your assessment will be based on the evidence that you collect through your practical activity, research and creativity.

However, you will be required to write reports, keep logs and notes of meetings and discussions, make presentations, and provide written and verbal responses to questions.

Though the assessment is internal, Pearson BTEC must approve all the results before being considered final. This is after several quality checks have been done.

## Course Content

Below is a list of units covered:

<b>Pearson BTEC Level 3 Extended Diploma in Enterprise and Entrepreneurship</b>	
<b>Unit</b>	<b>Mandatory units</b>
1	The Innovative Entrepreneur
2	Business Planning and Pitching
3	Financial Planning and Implementation
4	Launching your Business Vision
5	Monitoring the Performance of your Business
6	Operating your Business
7	Planning the Future Strategy of your Business
8	Leadership and Teamwork
10	Market Research and Analysis
14	Brand Development and Promotion
	<b>Optional units</b>
9	Working as an Entrepreneur
11	Financial Literacy and Awareness
12	Business in an International Context
13	E-marketing and Website Design
15	Social Enterprise
16	Managing a Business Event
17	e-Commerce
18	Understand Retail
19	Relationship Marketing
20	Business Project Management
21	Recruitment and Selection in Business
22	Development Planning for a Career in Business
23	Business Markets and the Economy

### Progression Opportunities

On successful completion of this course you could progress onto a Higher Education programmes in the world's top universities offering Business related courses.

### Career Opportunities

The programme is designed to give you the variety and type of skills and knowledge that will help you to succeed, whatever career path you eventually follow.

It leads to careers such as Business Management, Business and IT, International relations, Commerce, Public relations, event management, Financial Management, Human resource Management, Marketing, Economics, project management And Law in some universities among other careers.

Mr R Kiptum

**BTEC Enterprise Department**

# Music Performance - Extended Diploma Level 3 (Full-time)

## Level 3 - BTEC National (A-Level or IB or Equivalent)

### Overview

This course is designed for people wanting to pursue careers in the rapidly evolving music and multimedia production industries.

The course comprises workshops, lessons, master classes, ensemble and solo performance opportunities, lectures and seminars as well as business skills and real world projects.

Everything you do will be industry related, forging links between academic study, the development of technical skills and the business itself.

During your studies academic tutors and professional musicians of international esteem will help develop students' skills in performance, in a wide range of styles and techniques.

In the second year of the course, you will be introduced to studio recording and will further develop skills using computer software whilst still developing skills in creative composition across the wide spectrum of music media and its various roles in the industry.

The second year curriculum gives you the opportunity to personalise your learning experience in order to enhance the chance of realising your full potential.

### Who is course for

This course is designed for those wanting to develop careers in the music profession and related industries. Students can choose to specialise more in the second year in either Performance or Production.

### Qualification Gained

The course leads to the following qualification: Edexcel BTEC Level 3 Extended Diploma in Music. The programme is equivalent to 3 A Levels (with a maximum 420 UCAS points being available for this programme).

### What You Learn

#### Course Content

For the first year of the course you will have the opportunity to gain experience across the full spectrum of music industry related activity.

There is an equal mix of performance and music production units, as well as contextual work.

In the second year you will continue to develop skills learnt in the first year, including continuing to study creative composition but you will develop new skills in recording and further develop the use of up-to-date computer software (Apple Logic Pro).

All students will be required to plan and realise projects with a specific market in mind, whether it be mainstream popular music genres, media based formats such as composition for moving image or producing recording work to a high professional standard.

## **Learning Methods**

The course is very practical and you will be spending the majority of your time in rehearsal rooms, studios, music venues and other creative spaces.

Studying and learning the knowledge and theory elements of the course inevitably means that some time will be spent in classrooms, lecture theatres and IT suites, but even there the emphasis is on practical application.

Some of your learning will be through e-learning and the course makes extensive use of Google Classroom, the Brookhouse's intranet site.

## **Assessment Methods**

The majority of your assessment will be based on the evidence that you collect through your practical activity and will include recordings, performance videos and other similar evidence.

However, you will be required to write reports, keep logs and notes of meetings and discussions, make presentations, and provide written and verbal responses to questions.

## **Progression Opportunities**

On successful completion of this course you could progress onto a Higher Education programmes in the world's top music universities.

## **Career Opportunities**

The programme is designed to give you the variety and type of skills and knowledge that will help you to succeed, whatever career path you eventually follow.

The career options within the business are not limited to the more obvious choices of performer or producer, but include work in community music project leading, artist/band management, retail and music teaching. Some of these will require further study.

## **Additional Course Costs**

Many courses require students to have specialist equipment or materials and there are other additional costs which should be noted.

For this course, the essential equipment for all students is as follows: Apple Mac Laptop, A4 Ring Binders, Manuscript paper, A4 lined paper, plastic wallets, pens, pencils, rubbers, Quality Stereo Headphones (closed back with stereo 1/4" jack adapter), USB memory stick, CD-R's and DVD-R's for backing up and storing work. You will also be required to buy a music theory book and instrumental repertoire books but you will be advised of this at the start of the course.

Mr A Leedale

**BTEC Music Department**

# **BTEC SPORT AND EXERCISE SCIENCE**

## **Why Study BTEC Sport and Exercise?**

Today, Sport and Exercise is a truly global industry, with an annual turnover of \$150 Billion across the globe. Sports brands are amongst the most recognised in retail and sports performers and professionals are highly trained, specialised and rewarded across the world. A career in Sport and Leisure is a rewarding and highly regarded profession and with continued growth forecast will continue to be a career path of choice for many young people.

BTEC Level 3 in Sport and Exercise Science will equip the next generation of Sport Scientists with the skills, understanding and attributes they will need to succeed in an increasingly competitive marketplace. It will provide them with the knowledge and qualifications to forge a career in a wide range of Sport related industries.

### **Key features of the BTEC Level 3 in Sport and Exercise Science**

The BTEC Level 3 in Sport and Exercise Science has been developed to focus on:

- ❖ Education and training for those working in Sport and Exercise industries and those wishing to enter the industry.
- ❖ Providing opportunities for learners to achieve an internationally recognised level 3 vocationally-specific qualifications to enter employment the Sports sector or to progress to higher education qualifications.
- ❖ Giving learners the opportunities to develop a range of skills and techniques, personal skills and attitudes essential for successful performance in working life.

### **BTEC Level 3 Extended Diploma in Sport and Exercise Science**

The Level 3 BTEC course offered by Brookhouse is a 180 Credit course that consists of 1080 Guided learning hours that covers 18 units of work. Each is assessed through submission of coursework that can take the form of written reports, observations, practical experience, presentations or tutor observations. Most units comprise of 3-4 assignments and on average 3 units are studied per term.

### **The Units covered during the Brookhouse School Level 3 Diploma are:**

Anatomy for Sport and Exercise Science	Sport and Exercise Physiology
Sport and Exercise Psychology	Research Methods for Sport and Exercise
Research Project in Sport and Exercise	Fitness Testing for Sport and Exercise
Sport Biomechanics in Action	Analysis of Sports Performance
Exercise, Health and Lifestyle	Fitness Training and Programming
Sports Nutrition	Current Issues in Sport
Instructing Physical Activity and Exercise	Exercise for Specific Groups
Sports Injuries	Sports Coaching
Practical Individual/Team Sports	Work Experience

## Post qualification

Many of the students post qualification go to study either in the UK, the USA, Australia or Canada. With many of our students on the course representing Kenya in their chosen sport, students have successfully achieved scholarships to the UK and Canada.

Courses which students have undertaken include:

- ❖ Sport and Exercise Science
- ❖ Sports Coaching and Management
- ❖ Sport and Business
- ❖ Physiotherapy
- ❖ Kinesiology
- ❖ Sports Studies

Post degree, with a BTEC in Sport and Exercise Science the world is your oyster. Straight after university you can go into careers related to the following:

- ❖ Sports Management & Business
- ❖ Sports Science
- ❖ Sports biomechanics/analysis
- ❖ Recreation/Leisure Centre Management
- ❖ Sports Injuries and Rehabilitation

With additional qualifications at postgraduate level, you can move into one of the related fields below:

- ❖ Teaching- you must undertake a PGCE in either Primary, Secondary, Lifelong Learning or Higher Education
- ❖ Sports Law
- ❖ Graduate Entry Programme- Medicine (You are required to also have an A Level in Chemistry)
- ❖ Physiotherapy
- ❖ Sports Medicine

Miss L Curley

**Physical Education Department**

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