

*Year 10
Options
2021*



**THE BRITISH
SCHOOL
OF TASHKENT**

A NORD ANGLIA EDUCATION SCHOOL

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Welcome to the 2021 GCSE Options Booklet, which is aimed at supporting current Year 9 students (and their families) in making the most appropriate choices for their coming two years of study.

(I)GCSE's are highly regarded qualifications, accepted around the World. These two-year courses lead on to AS and A2 Levels (which students study in Years 12 and 13) and are seen as an extremely valuable gateway into the best Universities globally.

Here at The British School of Tashkent, we know how important it is for students to make the right choices at this point in their education. We want our students to feel passionate about the subjects they are studying and to encourage them to develop their independence.

We very much hope that you will find the information in this booklet extremely useful, but if you do have any further questions then please do not hesitate to ask our subject teachers; either at our Options Evening, or contact us directly at school.

I very much look forward to meeting you and your child as they progress into this exciting stage of their education.

Kind regards,

Ms Wendy Spence
Ks4 Phase Leader

Introduction

During Year 10 and 11, students at BST follow the Key Stage 4 curriculum which consists of IGCSE/GCSE subjects. At the end of the two-year course, students are awarded grades in all subjects based on their performance in the necessary assessments.

The time is approaching for your son or daughter to select their IGCSE/ GCSE courses. This booklet explains the principles to bear in mind when discussing alternatives. I hope you will take time to consider these carefully and to consider which subjects they have achieved best in and enjoy the most (usually, these are the same).

The core curriculum studied by all pupils consists of English, English Literature, Mathematics, Russian and Science. Students are also given a number of optional subjects (usually three).

At first, we ask students to select the subjects that they would most like to study. We use this information to build a timetable that suits the majority of students and ensures that students are generally given their first or second choices. Please note however, that subjects will only be offered on the final timetable if enough students have selected it.

At the end of this booklet, there is an application form which must be completed and signed by students and parents before the deadline (to be confirmed).

The GCSE curriculum at BST

The majority of our pupils will take 8 GCSEs. We believe that this number provides the right balance between academic breadth and being able to take advantage of the other opportunities available at BST. Most subject departments are offering the IGCSE (International General Certificate of Secondary Education): this qualification is the equivalent of a GCSE (and recognised around the world as such) but syllabuses generally have a more global perspective. These courses are offered by Cambridge and Edexcel examination boards. However, we are keen that we select the syllabuses that best suit our pupils, and some departments have opted to choose GCSE syllabuses (those more commonly used in the UK). The GCSE and IGCSE qualifications are recognised as being synonymous.

Core Curriculum

All students will be expected to follow the following courses:

- English (Language and Literature, counting as two GCSE subjects. Some students will sit English as a Second Language and may not sit Literature).
- Sciences (Biology, Chemistry, Physics).
- Mathematics
- Core PE

Optional Subjects

In addition to the Core subjects, students will also be given the opportunity to study three* additional subjects.

*Students who are believed to need extra English support will be given this in replacement of 1-3 of their GCSE Optional subjects. This need is assessed by our EaL Department.

Students can choose from:

- Art
- Business Studies
- Computer Science
- Design & Technology
- Drama
- French
- Geography
- History
- Physical Education
- Russian
- Travel & Tourism

Beyond GCSE

It is never too early to start thinking about what you might do when you leave school. The combination of subjects that you choose to study at GCSE has more influence on admissions tutors at colleges and prospective employers than is often given credit. In general, at this level, it is advisable to retain a broad range of arts and science subjects, but you must be aware of the following guidelines:

- Students will need to achieve a B grade in a subject if they are to study it at A level.
- English and Mathematics GCSE are required (at C grade or above) for most higher and further education courses, as well as by most employers.
- The minimum number of GCSEs required to enter most degree courses is five (including English and Maths). There are a number of ways to access degree courses however, and advice on this will be given in the Sixth Form.
- The grades obtained at GCSE are very important as these are seen as a significant indicator of your ability, and admission tutors for Colleges of Further Education use these indications to help decide whether to offer places. These grades are likely the only objective academic evidence that university tutors see. The quality of grades at GCSE is more important than the number taken. Generally, C grades are regarded as the minimal accepted grade.

How can parents make a difference?

Many parents feel at a loss when their children enter their examination years, known in schools as Key Stage 4. If you feel like this, you are not alone! The exams system has changed greatly over the past few years and is continuing to change.

But your involvement during these crucial years can make an enormous difference - the difference between success and failure.

New demands on your child are likely to include:

- Being more self-motivated and taking more responsibility for their own learning – this can be a big change from earlier years, with most teachers viewing it as the pupil's responsibility to attend and make the most of lessons once they get to Year 10.
- Asking when they do not understand. (This requires confidence and can be difficult)
- Developing their abilities to overcome frustrations, and strategies for persisting when they are learning material that they find challenging.
- Organising themselves, notes, handouts and information for different subjects, and different topics within these.
- Completing more work at home, independently.
- Organising and planning their time over longer periods, for example to complete a coursework project.
- Understanding the exam structure and the relative importance of each piece of work to their final grade.
- Preparing for controlled assessments.
- Planning and carrying out revision.
- Perfecting their 'exam technique'.

Perhaps the hardest demand on Year 10 and 11 pupils is that of understanding the long-term importance of doing the best they can and learning to shelve short-term fun at times in the interest of long-term benefits (not easy even for adults).



Tips For parents

- Your most important role, as always, is to encourage and praise your child. Show an interest by talking to them about what they are learning in different subjects and in their homework and research – but trust the school: we will provide pupils with enough guidance to fulfil their potential.
- The most important thing is that your child attends lessons. Sometimes just missing one lesson means that they miss out on key information or the introduction or introduction to a topic – starting out behind often results in a vicious circle of not understanding, falling further behind, disagreements with teachers, an increasing dislike of the subject and giving up.
- Encourage your child to see the relevance of every lesson to their end results – two years seems like an endless time to a teenager but help them to put it in context by breaking the time available for each subject over the year.
- Put key dates and deadlines in your own diary so that you can support before the 'panic stage'.
- For some children who are not well-organised you may need to have more knowledge about specific GCSE requirements in order to be able to support your child fully. This knowledge might include how many assessments there are, if there is coursework, how many marks are awarded for each question etc. Subject teachers will often provide this information to pupils, but if you haven't seen it, don't hesitate to ask for a copy for yourself if you feel your child needs this level of support.
- Make copies for yourself of syllabus descriptions and mark-schemes etc. as many children lose this vital information, only realising they don't have it when it's too late.



Examination boards

The British School of Tashkent is a registered centre for both Cambridge International Examinations and Pearson Edexcel.



CAMBRIDGE
International Examinations

Cambridge International School



Choosing Options That Interest And Motivate You

What interests you? What makes you work hard? Try this quiz to find out...
Tick anything you enjoy doing or that you would enjoy doing...

A:

- Building things
- Being active and working outdoors
- Making and fixing things
- Using tools and machines
- Solving problems

B:

- Designing and displaying things
- Being on television
- Writing a book
- Playing in a band
- Doing a makeover

C:

- Helping people
- Sorting out arguments
- Showing people what to do
- Looking after people
- Doing voluntary work

D:

- Finding out how things work
- Doing experiments
- Researching and testing ideas
- Designing a new computer game
- Doing calculations

E:

- Organising parties and other social events
- Buying and selling things
- Running a business
- Entering competitions
- Campaigning for change

F:

- Making plans
- Using a computer and calculator
- Arranging things over the phone
- Putting CDs/DVDs into the right order
- Organising your money



Check Your Scores

How many ticks did you get in each section? Write your scores in below. Most people have more than one interest so check out any scores of three and over...

A =	Mostly As: You seem to like practical work. Look for options where you can use practical skills, do something active and work on different types of projects	Subject Areas: Art, Design Technology, Computer Science, PE
B =	Mostly Bs: You sound creative. Look for options where you can express yourself and work on new ideas	Subject Areas: Art, Drama, Design Technology
C =	Mostly Cs: You seem to be a social person. Look for options where you can find out more about people and how society works	Subject Areas: Geography, History, Languages, Travel and Tourism
D =	Mostly Ds: It seems you like to investigate things. Look for options where you can use your number and thinking skills to find out more about why things are the way they are	Subject Areas: Biology, Chemistry, Geography, History, Maths, Physics,
E =	Mostly Es: You sound like an enterprising person. Looks for options where you can use your energy, communication, number and thinking skills to test your ideas about how to improve the world	Subject Areas: Business studies, Geography, Languages, Travel and Tourism
F =	Mostly Fs: Being well organised seems important to you. Look for options where you can use your planning, communication and computing skills to find out more about the systems and structures that keep the world working properly	Subject Areas: Business, History, Computer Science, Travel and tourism



Cambridge International IGCSE English Language 0500



Course Outline

English as a first language seeks to allow opportunities to develop reading, writing, speaking and listening skills in order to improve understanding, expression and communication. The English language is the most widely spoken language in the world and students who complete this course will have increased global opportunities. This course challenges students to write for different audiences and to use appropriate register whilst also teaching detailed analysis of a range of texts.

Candidates are required to apply the following skills

Knowledge of language and structure, analysis, writing in different forms and register, listening with understanding and awareness of purpose, audience and form as well as essay writing technique.

Method of Assessment

Paper 1: 2 hours Reading- 50%

Structured and extended writing questions

Questions will be based on three reading texts Externally assessed

Paper 2: 2 hours Directed Writing and Composition 50%

Extended writing question and a composition task Externally assessed

Progression and Careers

Studying English can lead to many professional careers and this subject accompanies many other subjects perfectly. Specific roles that English can lead you into include: social media manager, technical writer, public relations specialist, lawyer, grant writer, librarian, editor and content manager, human resources specialist, journalist, sales executive, advertising, professional writer.

EDEXCEL iRUO IGCSE

Russian (2nd Language)



Course Outline

The IGCSE Russian course has the following objectives:

- to develop transferable skills for understanding and communicating in everyday situations in Russian.
- to develop cultural awareness of countries and communities where Russian is spoken.
- to acquire the essential linguistic skills required for progression to further studies or employment.
- to produce confident, responsible, reflective, innovative and engaged learners.

Candidates study the following 5 topics:

- Identity and culture • Local area, holiday, travel • School • Future aspirations, study and work • International and global dimension.

All themes and topics must be studied in the context of both the student's home country and that of countries and communities where Russian is spoken

Method of Assessment

Students will be assessed on four skill areas, each worth 25% of the total mark. The teacher decides whether they will be entered for Foundation or Higher Tier questions.

Listening (35 minutes Foundation/45 minutes Higher) Students will respond to multiple-response and short-answer open-response questions based on a recording featuring male and female Russian speakers.

Speaking (7-9 minutes Foundation/10-12 minutes Higher + 12 minutes preparation) Task 1 – a role play. Task 2 – questions based on a picture stimulus. Task 3 – conversation based on two themes. The first theme is based on the topic chosen by the student in advance of the assessment. The second theme is allocated by Pearson. The assessments are conducted by teachers in one session within a prescribed assessment window, the recordings are then submitted to Pearson for external marking.

Reading (50 minutes Foundation/1 hour 5 minutes Higher) Students are assessed on their understanding of written Russian across a range of different types of texts, including advertisements, emails, letters, articles and literary texts. Students are required to respond to multiple-response and short-answer questions based on these texts.

Writing (1 hour 15 minutes Foundation/1 hour 25 minutes Higher)

Students are assessed on their ability to communicate effectively through writing in Russian for different purposes and audiences. Students are required to produce responses of varying lengths and types to express ideas and opinions in Russian.

Foundation tier – three open-response questions and one translation into Russian.

Higher tier – two open-response questions and one translation into Russian.

Progression and Careers

Learning languages develops transferrable skills such as confidence, the ability to communicate, to solve problems and to multi-task, as well as to understand different cultures and customs. These skills are required not only in careers that directly involve language, such as interpreting and translation, but also in business, in education and in many other spheres.

Cambridge International IGCSE French 0520



Course Outline

The IGCSE French course has the following objectives:

- to develop transferable skills for understanding and communicating in everyday situations in French.
- to develop cultural awareness of countries and communities where French is spoken.
- to acquire the essential linguistic skills required for progression to further studies or employment.
- to produce confident, responsible, reflective, innovative and engaged learners.

Candidates study the following topics:

Area A: Everyday activities (home life and school, food, health and fitness)

Area B: Personal and social life (self, family, personal relationships, holidays and special occasions)

Area C: The world around us (home-town and local area, natural and man-made environment, people, places and customs)

Area D: The world of work (continuing education, careers and employment, language and communication in the work-place)

Area E: The international world (tourism at home and abroad, life in other countries and communities, world events and issues)

Method of Assessment

Students will be assessed on four skill areas, each worth 25% of the total mark

Listening (45 minutes) You will listen to recordings and answer multiple-choice and matching questions.

Reading (1 hour) You will read texts and answer multiple-choice and matching questions as well as questions requiring short answers in French.

Speaking (10 minutes) You will complete one role play and answer questions about two topics.

Writing (1 hour) You will complete one form-filling task, one directed writing task and one task in the format of an email/letter or article/blog.

Progression and Careers

Learning languages develops transferrable skills such as confidence, the ability to communicate, to solve problems and to multi-task, as well as to understand different cultures and customs. These skills are required not only in careers that directly involve language, such as interpreting and translation, but also in business, in education and in many other spheres.

Cambridge International IGCSE Literature 0475



Course Outline

English as a first language seeks to allow opportunities to develop reading, writing, speaking and listening skills in order to improve understanding, expression and communication. The English language is the most widely spoken language in the world and students who complete this course will have increased global opportunities. This course challenges students to write for different audiences and to use appropriate register whilst also teaching detailed analysis of a range of texts.

Candidates are required to apply the following skills

Knowledge of language and structure, analysis, writing in different forms and register, listening with understanding and awareness of purpose, audience and form as well as essay writing technique.

Method of Assessment

All candidates will be assessed at either core or extended level.

CORE: (grade 1-9)

Paper 1: 1 hour 30 minutes (50%).

Poetry and prose

Paper 3- 45 minutes (25%)

Drama

Paper 4- 1 hour 15 minutes

Unseen critical commentary

Progression and Careers

Studying English can lead to many professional careers and this subject accompanies many other subjects perfectly. Specific roles that English can lead you into include: social media manager, technical writer, public relations specialist, lawyer, grant writer, librarian, editor and content manager, human resources specialist, journalist, sales executive, advertising, professional writer.

Cambridge International IGCSE Physics

0625



Course Outline

Physics is the natural science that studies matter, its motion and behaviour through space and time, and the related entities of energy and force. Physics is one of the most fundamental scientific disciplines, and its main goal is to understand how the universe behaves. From the smallest things ever discovered to the Universe itself is studied by physicists. Physics will enhance student's ability to inquire, think critically, seek answers, research and interpret data.

Candidates study the following topics:

Forces, Motion, Energy, Pressure, Thermal Effects, Waves, Light, Sound, Electricity, Magnetism, Electronics, Atomic Physics

Method of Assessment

All candidates will be assessed at either core or extended level.

CORE: (grade C-G)

Paper 1: multiple choice, 45 minutes (30%)

Paper 3: Theory paper, 1 hour 15 minutes (50%)

Paper 6: Alternative to practical paper, 1 hour. (20%)

EXTENDED: (grade A*-E)

Paper 2: multiple choice, 45 minutes (30%)

Paper 4: Theory paper, 1 hour 15 minutes (50%)

Paper 6: Alternative to practical paper, 1 hour (20%)

Progression and Careers

Physics-centered careers include engineering, physical sciences, architecture, medicine, astronomy, robotics.

Cambridge International IGCSE Biology

0610



Course Outline

The Cambridge IGCSE Biology syllabus helps learners to understand the technological world in which they live and take an informed interest in science and scientific developments. Learners gain an understanding of the basic principles of biology through a mix of theoretical and practical studies. They also develop an understanding of the scientific skills essential for further study, which are useful in everyday life.

Candidates study the following topics:

Characteristics and classification of living organisms, Organisation of the organism, Movement in and out of cells, Biological molecules, Enzymes, Plant nutrition, Human nutrition, Transport in plants, Transport in animals, Diseases and immunity, Gas exchange in humans, Respiration, Excretion in humans, Coordination and response, Drugs, Reproduction, Inheritance, Variation and selection, Organisms and their environment, Biotechnology and genetic engineering and Human influences on ecosystems.

Method of Assessment

All candidates will be assessed from three written examination papers, written at either core or extended level

CORE: (grade C-G)

Paper 1: Multiple choice, 45 minutes (30%).

Paper 3: Theory, 1 hour 15 minutes (50%).

Paper 6: Alternative to Practical, 1 hour (20%).

EXTENDED: (grade A*-G)

Paper 2: Multiple choice, 45 minutes (30%).

Paper 4: Theory, 1 hour 15 minutes (50%)

Paper 6: Alternative to Practical, 1 hour (20%).

Progression and Careers

Biology-centered careers include Healthcare, Microbiologist, Research Scientist, Biological Technician, Forensic Scientists, Environmental Scientist, Biology Teacher or Professor, etc.

Cambridge International IGCSE Chemistry

0620



Course Outline

Chemistry plays a major role in the evolution of knowledge. It empowers us to use creative and independent approaches to problem solving. It arouses our natural curiosity and enables us to meet diverse and ever-expanding challenges. This subject offers a combination of theoretical and practical elements leading to an understanding of the basic principles of chemistry. This course will enhance student's ability to inquire, seek answers, research and interpret data.

Candidates study the following topics:

The particulate nature of matter, Experimental techniques, Atoms, elements and compounds, Stoichiometry, Electricity and chemistry, Chemical energetics, Chemical reactions & Acids, bases and salts, The Periodic Table, Metals, Air and water, Sulfur, Carbonates, Organic chemistry.

Method of Assessment

All candidates will be assessed from three written examination papers, written at either core or extended level.

CORE: (grade C-G)

Paper 1: multiple choice, 45 minutes (30%)

Paper 3: Theory paper, 1 hour 15 minutes (50%)

Paper 6: Alternative to practical paper, 1 hour. (20%)

EXTENDED: (grade A*-E)

Paper 2: multiple choice, 45 minutes (30%)

Paper 4: Theory paper, 1 hour 15 minutes (50%)

Paper 6: Alternative to practical paper, 1 hour (20%)

Progression and Careers

Chemistry-centered careers include: chemical engineering, pharmaceutical research, agricultural analysis, and scientific communication.

Cambridge International IGCSE Mathematics 0580



Course Aims:

The aims of the IGCSE Mathematics course are to enable students to develop their mathematical knowledge and oral, written and practical skills in a way that encourages confidence and provides satisfaction and enjoyment.

Candidates study the following topics:

Students work towards the examinations based on a syllabus that does not include coursework. They will study a number of topics including square-roots and cubes, standard form, estimation, limits of accuracy, ratio, proportion, rate, percentages, money, personal and household finance, graphs, algebra, functions, indices, solutions of equations and inequalities, geometry, trigonometry, statistics, probability, matrices, linear programming, constructions, mensuration, locus, trigonometry, vectors and transformations. Students are split into two sets: extended and core. The final examinations are available at two levels: core curriculum with grades C-G available and extended curriculum with grades A*-E being available.

Method of Assessment

All candidates will be assessed from two written examination papers, written at either core or extended level.

CORE: (grade C-G)

Assessment	Focus	Length	When?	Percentage
Exam (Paper 1)	Short answer questions	1 hr	May/June 2023	35%
Exam (Paper 3)	Structured answer questions	2 hrs	May/June 2023	65%

EXTENDED: (grade A*-E)

Assessment	Focus	Length	When?	Percentage
Exam (Paper 2)	Short answer questions	1 hr, 30 mins.	May/June 2023	35%
Exam (Paper 4)	Structured answer questions	2 hrs, 30 mins	May/June 2023	65%

Progression and Careers

Possible progression routes: IGCSE Mathematics is well regarded and is the first step for any career in Engineering, Medicine, Arts, Economics, Business or Science. Grade C is necessary to gain entry to many sixth form and university courses. Grade C is also required to gain employment in many various fields. It is vital, therefore, that you aim to achieve at least Grade C to enable you to access a range of career opportunities. You need to gain at least a Grade A or B to progress to the A level Mathematics course in year 12.

Cambridge IGCSE Travel and Tourism 0471



Course Outline

The syllabus develops a clear understanding of the relationship between the theory and practice of working in travel and tourism. Candidates are encouraged to develop an understanding of tourist industry operations and problems, and competence in identifying procedures and solutions, by using best practice from industry, established business techniques and information systems. Through investigation, candidates apply their knowledge and skills in a detailed study of a particular aspect of the travel and tourism industry.

Method of Assessment

All students take 2 external examinations at the end of Year 11:

Paper 1: Theory - 2 hours

Paper 2: Alternative to coursework - 2 hours 30 minutes

Progression and Careers

A travel and tourism course offer vocational training and helps you develop strong business management and communication skills, broadening your career prospects in a range of fields including:

- Holiday representative,
- Tour manager,
- Tourism officer,
- Tourist information centre manager,
- Travel agency manager,
- Customer service manager,
- Event manager,
- Hotel manager,
- Marketing executive,
- Outdoor activities/education manager

Cambridge International IGCSE History

0470



Course Outline

This course will allow students to study world history from the nineteenth century to the beginning of the twenty-first century. It encourages students to raise questions and to develop and use historical skills, knowledge and understanding in order to provide historical explanations. Students will explore history from a variety of perspectives, including social, economic, cultural and political. It will help students to gain a greater understanding of international issues and inter-relationships.

Candidates study the following topics:

The nineteenth century: the development of modern states, 1848-1914. Students will also study The United States 1919-41 in detail.

Method of Assessment

All candidates will be assessed from three written examination papers. There is only one level of examination paper for History and this provides students the opportunity to achieve grades from A* to G.

Paper 1: 2 hours

Written paper, 60 marks (40%)

Paper 2: 2 hours

Written paper, 50 marks (33%)

Paper 4: 1 hour

Written paper, 40 marks (27%)

Progression and Careers

History-centered careers include: Academic researcher, Archivist, Heritage manager, Museum education officer, Museum curator, Conservation officer, Secondary school teacher

Cambridge International IGCSE Business

0450



Course Outline

This course will help students to understand the different forms of business organisations, the external environment within which a business operates and the role of the different departments within a business such as marketing, production and finance. Student will learn about how to recruit, train, pay and motivate staff alongside workers legal rights. This will be helpful to students in their working life whatever career path they choose to follow. This course will show students how to calculate and interpret business data, how to write well-structured arguments, and how to analyse business situations and reach decisions or judgments.

Candidates study the following topics:

Understanding business activity, People in business, Marketing, Operations management, Financial information and decisions and External influences on business activity.

Method of Assessment

All candidates will be assessed from two written examination papers. There is only one level of examination paper for Business and this provides students the opportunity to achieve grades from A* to G.

Paper 1: 1 hour 30 minutes

Short Answer and Data Response, 80 marks (50%)

Paper 2: 1 hour and 30 minutes

Case Study, 80 marks (50%)

Progression and Careers

Business-centered careers include: Business owner, Business adviser, Business analyst, Forensic accountant, Project manager, Supply chain manager, Management consultant, Human Resource manager.

Cambridge International IGCSE Geography 0460



Course Outline

This course will help students to gain an understanding of the processes which affect physical and human environments. Students will understand how to interpret geographical data and information. In addition, students will understand how communities around the world are affected and constrained by different environments. This course will make students aware of the duty that present and future generations have in creating sustainable solutions to global issues.

Candidates study the following topics:

Population and settlement, The natural environment, Economic development

Method of Assessment

All candidates will be assessed from two written examination papers. There is only one level of examination paper for Geography and this provides students the opportunity to achieve grades from A* to G.

Paper 1: 1 hour 45 minutes

Geographical Themes, 70 marks (45%)

Paper 2: 1 hour and 30 minutes

Geographical Skills, 60 marks (27.5%)

Paper 4: 1 hour 30 minutes

Written paper, 60 marks (27.5%)

Progression and Careers

Geography-centered careers include: Cartographer, Environmental consultant, Planning and development surveyor, Town planner, Secondary school teacher, Surveyor

Edexcel IGCSE Physical Education 1PE0



Course Outline

GCSE Physical education in an applied science, psychology and sociology course. Students will explore the effects of sedentary and active lifestyles in society, understanding the impact of sport and recreation on health. One of the most recent advances in sports performance is sports psychology, students will gain an understanding of how it can be used by athletes to improve results. Sports performance is continually setting new records due to the applied scientific understanding of biomechanics, nutrition and training methods. Students will begin to explore these relationships and the impact it has on elite performance. As a practical course, students will still be assessed on their sports performance, 40% of their GCSE will come from their performance in 3 different sporting activities.

Candidates study the following topics:

Applied anatomy and physiology, Movement analysis, Physical training, Health fitness and well-being, Sport Psychology, Socio-cultural influences.

Method of Assessment

All candidates will be assessed from two written examination papers.

Theory:

Paper 1: 90 marks, 36% of GCSE

Paper 2: 70 marks, 24% of GCSE

Practical:

Personal Exercise Programme internal assessment: 20 marks, 10% of GCSE

Practical Sports Performance: 105 marks, 30% of GCSE

Progression and Careers

A-Level: Sports Science, PE.

Careers/Further Study: Specific sports coaching, Teaching, Sports data analysis, Fitness/health professional, Nutrition, Dietician, Sports Psychology, Physiotherapy, Medicine (emergency response).

Cambridge International IGCSE Design Technology 0445



Course Outline

Students will be expected to recall, select and communicate knowledge and demonstrate understanding in design & technology, including its wider effects. They will apply knowledge, understanding and skills in a variety of contexts and in designing and making products. All students will learn to analyse and evaluate products, including their design and production.

Candidates study the following topics:

Common content:

Health and safety; initiation and development of ideas and recording data; communication of design ideas; use of technology in design and making; design & technology in society; practical design application; environment and sustainability, and control.

Specialist option content:

Types of material, Preparation of materials, Setting, measuring, marking out, testing, Shaping, Joining and assembly and finishing.

Method of Assessment

All candidates will be assessed from two written examination papers, and a project that is school based assessed and externally moderated.

Compulsory components

Paper 1: multiple choice, 1 hour 15 minutes (25%)

Component 2: Project (50%)

EXTENDED: (grade A*-E)

Paper 3: Resistant Materials, 1 hour (25%)

Progression and Careers

Design centered careers include: engineering, civil engineering, architecture, graphic design, product design, interior design and other design related careers.

Cambridge International IGCSE Computer Science 0478



Course Outline

Cambridge IGCSE Computer Science helps learners develop an interest in computational thinking and an understanding of the principles of problem-solving using computers. They apply this understanding to create computer-based solutions to problems using algorithms and a high-level programming language. Learners also develop a range of technical skills, and the ability to effectively test and evaluate computing solutions.

Candidates study the following topics:

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

Method of Assessment

All candidates will be entered for Paper 1 and 2

Paper 1 – Theory of computer science (1 hour 45 minutes)

Paper 2 – Practical problem-solving and programming (1 hours 45 minutes)

Weighting of Paper

Paper 1 - Weight (60%)

Paper 2 - Weight (40%)

Progression and Careers

Studying Cambridge IGCSE Computer Science helps learners appreciate current and emerging computing technologies, the benefits of their use and recognize their potential risks. It provides an ideal foundation for progression to Cambridge International AS & A Level and is valuable for other areas of study and everyday life.

Edexcel
IGCSE Drama
1DR0



Course Outline

GCSE drama studies will engage students through encouraging their use of creativity and imagination. Lessons will focus on exploring practical work which reflects the need for twenty-first century skills in the real world, such as - business presentations, self-confidence, collaboration and audience awareness. The drama GCSE helps students to develop expressive life-skills that will support progression to further study of a wide range of other subjects and drama at AS and A level.

Candidates study the following topics:

Part 1, Create and develop a devised piece from a free choice of stimulus. Perform the devised piece or design for performance. Analyse and evaluate the devising process and performance. Part 2, students will either perform in and/or design for two key extracts from a performance text. Part 3, a practical exploration and study of one performance text and a live theatre evaluation, with a free choice of production. Performer or technical designer choices are available for students in part 1 and 2.

Method of Assessment

All candidates will be assessed from three components:

Component 1: Devising; including a written assessment and evaluation of the devising process and a performance (40%)

Component 2: Performance, from a published script, of two key extracts (20%)

Component 3: Written examination, evaluation of a script extract and a live professional theatre performance - 1 hour and 45 minutes (40%)

Progression and Careers

Actor, Arts administrator, Barrister, Broadcast journalist, Business Leader, CEO, Choreographer, Cinematographer, Circus performer, Copywriter, Costume designer, Dancer, DJ, Film producer, Motivational speaker, Play Writer, Proofreader, School teacher, Set designer, Stage manager, Television presenter, Theatrical Director, Wedding planner, Writer, Youth worker.

EDEXCEL IGCSE ART and DESIGN



Course Outline

Art and Design will help you to learn about the visual world, acquire the ability to investigate, observe, analyse, experiment and problem-solve. The course will also enable you to continue to develop your practical skills learnt at KS3 and also to express your ideas visually and help you develop your imaginative powers.

Candidates study the following topics

The endorsed Fine Art syllabus requires a variety of fine art media to be explored throughout the course, such as:

- Painting and drawing (using a variety of Medium and technique)
- Printmaking (mono printing, lino cutting and etching)
- Sculpture, mixed media
- Photography (composition, lighting, viewpoint, effects and manipulation using ICT)

You will study other artists' work to influence and increase the variety of your work. There will be problems to solve and opportunities to express creative ideas and experiment with a wide range of materials and techniques. You will keep a visual record of your progress in a sketchbook.

Method of Assessment

Component 1 - Portfolio/Coursework: The coursework element includes the use of sketchbooks in which you will be required to show your research, investigations and development of ideas from a given starting point to produce a variety of outcomes. Component 1 accounts for 60% of your grade.

Component 2 - Externally Set Assignment: You will complete one ten-hour examination that is held over several days in April/May of Year 11. A broad theme (set by the exam board) needs to be personally interpreted and prepared prior to the exam in a timed preparatory period. Component 2 is worth 40% of the GCSE.

Progression and Careers

There are many careers in the field of Art and Design such as advertising, marketing, textile and interior design, product design, architecture, animation/film, fashion, photography, illustration, publishing and media.

Cambridge International IGCSE Music - 0410



Course Outline

When studying the Cambridge IGCSE Music syllabus, learners listen to, perform and compose music, encouraging aesthetic and emotional development, self-discipline, confidence and, importantly, creativity. As a result, learners enhance their appreciation and enjoyment of music, an achievement that forms an ideal foundation for future study and enhances life-long musical enjoyment.

Studying music benefits the development of all parts of the brain, both left and right. This is because the subject uses a combination of physical, creative and knowledge-based skills.

Candidates study the following topics:

Music theory, compositional techniques, music history, performance practice, music analysis, listening skills, music terminology.

Method of Assessment

All candidates will be assessed in the following components:

40% COMPONENT 1 – LISTENING:

Students will sit a listening exam which covers music theory, history and world music.

30% COMPONENT 2 - PERFORMING:

Students will prepare 2 performances on their chosen instrument(s). A solo piece and an ensemble piece.

30% COMPONENT 3 – COMPOSING:

Students will complete 2 compositions in styles of their choosing.

Progression and Careers

Music based careers: Musician, arts director, composer, music or film producer, audio engineer, music teacher, music therapist, music manager.

Creative careers: Entrepreneur, architect, business development, editor, designer, web developer, author.



THE BRITISH
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A NORD ANGLIA EDUCATION SCHOOL