DUNRAVEN
SIXTH FORM
COURSES 2019

www.dunraven.org.uk
Art and Design

**Co-Directors of Learning:** Ms J Votano and Mr L Roszkowski

**Exam Board:** AQA

**Entry Requirement:** Grade 6 in GCSE Art and Design

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**Course content**

Art and Design provides students with a wide range of creative, exciting and stimulating opportunities to explore their interests in ways that are both personally relevant and developmental in nature. This subject enables students to develop their ability to actively engage in the processes of Art and Design – to build creative skills through learning and making, to develop imaginative and intuitive ways of working and develop knowledge and understanding of media, materials and technologies in historical and contemporary contexts, societies and cultures.

This course is suitable for any student who has artistic skill. You should have an understanding and knowledge of practical art and design based skills, preferably from having successfully completed a GCSE course in Art or equivalent. You need an interest, flair and a commitment to the subject. You will learn how to record observations, experiences and ideas in visual and other forms. You will analyse and evaluate sources and objects, developing an understanding of purposes, meanings and contexts. Your ideas will develop through sustained investigations and explorations, selecting and using materials and processes, interpreting relationships and analysing methods and outcomes.

You will learn to present a personal, coherent and informed response, realising your intentions and articulating and explaining connections with the work of others.

**Skills Required:**

A student who can think independently, has good practical skills and is willing to take a few risks.

Effective planning and preparation of ideas, both visual and written annotations.

Basic ICT skills.

**Course Structure**

**Unit 1** Coursework:

Still Life Unit
Portraiture Unit
Life Drawing
Personal Investigation-2000 word essay on chosen theme to run alongside written essay on personal theme

**Unit 2**

Externally Set Assignment on Exam Theme

**Career Value**

This qualification will allow you to apply for a Foundation course in Art and Design, further education at degree level. Whether you’re designing ships as a naval architect or creating cutting edge art as a fine artist, the one thing that all jobs in this family have in common is creativity. So if you’re an ideas person and you like creating things that are useful and visually appealing, take a look at some of these jobs. Animation, Fashion, Graphic Design, Theatre Design, Make-up Artist, Medical Illustrator, Courtroom Artist, Muralist, Architect and more.

Having a creative mindset is an excellent attribute in any employment setting.
Biology

Director of Learning: Ms H Aboobaker
Exam Board: EDEXCEL
Entry Requirement:
Grade 7 in GCSE Science (double/triple)

Course content
Biology at A-Level (9BN0) is a two year course split into eight topics. The topics covered come under the headings of lifestyle, transport, genes and health, development, plants and environment, species survival, energy, exercise and coordination. Students also carry out core practicals throughout the two years which makes up the Science Practical Endorsement. This will give students the opportunity to use relevant apparatus and techniques to develop and demonstrate specific skills. Students will be expected to demonstrate and apply the knowledge, understanding and skills gained from the core practicals in the examinations, 10% of the examinations will be mathematically orientated.

Skills Required:
A deeper appreciation of the skills, knowledge and understanding of how science works, the ability to use theories, models and ideas to develop and modify scientific explanations in biology.

Overview of assessment
Edexcel level 3 Advanced Subsidiary GCE in Biology A (Salters-Nuffield) consists of three, equally weighted, externally examined papers.

Students are expected to carry out the nine core practical experiments that are identified in the content.

Paper 1 - The Natural Environment and Species Survival (9BN0/01)
Topics examined: 1-6
Time: 2 hours
Number of marks: 100
Examining style: multiple choice, short open, open response, calculations and extended writing questions.
The paper will also include questions that target the conceptual and theoretical understanding of experimental methods.

Paper 2 - Energy, Exercise and Coordination (9BN0/02)
Topics examined: 1-4, 7 & 8
Time: 2 hours
Number of marks: 100
Examining style: multiple choice, short open, open response, calculations and extended writing questions.
The paper will also include questions that target the conceptual and theoretical understanding of experimental methods.

Paper 3 - General and Practical Applications in Biology (9BN0/03)
Topics examined: 1-8
Time: 2 hours
Number of marks: 100
Examining style: A pre release article will underpin one section of the paper, there will also be synoptic questions that draw on two or more different topics.
The paper will also include questions that target the conceptual and theoretical understanding of experimental methods.

Science Practical Endorsement (9BN0/04)
Internally assessed and externally monitored by Edexcel.

Career Value
Career opportunities include Biomedical research, neuroscience, ecology, forestry, clinical medicine including dentistry, podiatry, optometry, veterinary medicine, physical therapy and genetic counselling.
Course content

Business Studies is not all about money but provides you with an exciting insight into the dynamic and creative world of business and enterprise. Modern economies are mainly successful due to the talent that entrepreneurs bring to the market. World figures such as Bill Gates and Steve Jobs have changed the way we are living due to their capacity to innovate and take risks. Who can now think of a world without computers and the internet?

During the course, you will learn the skills to produce a business plan and manage a company using effective strategies. You will study how to meet the needs of customers using marketing plans and strategies. In this course, students evaluate how every decision has financial implications, and you will be taught how to calculate, costs, revenue and profits using cash flows and balance sheets.

A-Level Course Structure

What is a business?
Managers, leadership and decision making
Decision making to improve marketing performance
Decision making to improve operational performance
Decision making to improve financial performance
Decision making to improve human resources performance

Analysing the strategic position of a business
Choosing strategic direction
Strategic methods; how to pursue strategies
Managing strategic change

Assessments

All exams are made up of a mixture of multiple choice questions, short answer and data response questions.

Career Value

Due to the fact that the number of skills acquired during the study of Business are transferable, most students would enter into diverse career options from the most common of banking, finance, teaching to others such as geography, history, law and so on. There are also a number of students that have set up their own business using all the skills and expertise learnt in this subject.
Chemistry

**Director of Learning:** Ms H Aboobaker

**Exam Board:** AQA

**Entry Requirement:** Grade 7 in GCSE Science (double/triple)

### Course content

Chemistry at A-Level is a two year course; it is split into three broad headings of physical, organic and inorganic chemistry. The two year course looks at each of the main topics in approximately equal detail.

Whilst there will be plenty of practical task to be done throughout the course, there is no formal practical assessment. However those studying for Chemistry will be entered for the continuous assessment of practical skills. This requires the students to pass certain competencies. Once passed, it will be noted on their statement of results. Student need to also note that those wishing to study a scientific subject at University will be required to pass these competencies. The criteria will be marked off from 12 practicals over the course of the two years, 6 from the first year of the course and 6 from the second year of the course.

### Skills Required

Maths, English, strong practical skills, excellent study ethic and independent learning.

### Overview of assessments

**Paper 1**

- Topics examined: Relevant Physical Chemistry, Inorganic Chemistry & Relevant practical skills
- Time: 2 hours
- Number of marks: 105
- Examining style: short and long answer questions
- 35% of A level

**Paper 2**

- Topics examined: Relevant Physical Chemistry, Organic chemistry & Relevant practical skills
- Time: 2 hours
- Number of marks: 105
- Examining style: short and long answer questions
- 35% of A level

**Paper 3**

- Topics examined: content & practical skills
- Time: 2 hours
- Number of marks: 90
- Examining style: 40 marks on practical techniques and data analysis, 20 marks on questions testing across the specification and 30 marks of multiple choice questions
- 30% of A level

### Career Value

Medicine, Teaching, Pharmacy, Sciences, Chemical Engineering, Petrochemicals, Research, and many more.
Computer Science

Director of Learning: Mr R Fryer
Exam Board: OCR
Entry Requirement:
Grade 7 in GCSE Maths and Grade B GCSE ICT and Science

Course content
This course has been designed for students who wish to go on to higher education courses or employment where knowledge of Computer Science and computational thinking would be beneficial. Students can study Computer Science and go on to a career in Law, Business, Engineering or any type of Science.

At its heart lies the notion of computational thinking: a mode of thought that goes well beyond software and hardware, and that provides a framework within which to reason about systems and problems. Students learn how to think in a computational way and apply their knowledge of programming in a range of languages to solve problems. Fundamental concepts such as the function of the CPU, the representation of data and the properties of hardware and software are also studied in depth.

This course, with its emphasis on abstract thinking, general problem solving, algorithmic and mathematical reasoning, and scientific and engineering-based thinking, is a good foundation for further study.

Skills Required
Ability to solve complex maths problems
Lateral thinking
Ability to analyse, critically evaluate and make decisions
No previous Computing knowledge is needed but some experience of programming in a text-based language would be useful.

Course Structure
Advanced Level

Component 1 - Computer Systems
The characteristics of contemporary processors, input, output and storage devices. Software and software development. Exchanging data. Data types, data structures and algorithms. Legal, moral, cultural and ethical issues.

Component 2 - Algorithms and Programming
Elements of computational thinking. Problem solving and programming. Algorithms to solve problems and standard algorithms

Component 3 - Programming project
Students will undertake a large programming project for a suitable end-user. They will analyse the problem, design and develop the solution before evaluating its success.

Assessments
Advanced Level

Component 1 - 2 hour 30 minutes written examination - 40% of total A level
Component 2 - 2 hour 30 minutes written examination - 40% of total A level
Component 3 - Coursework, internally assessed, and moderated by OCR - 20% of A level

Career Value
A Level Computer Science offers excellent progression to a variety of degrees including Computing and Computer Science, Software Engineering, Computer Games Production, Information Systems, Forensic Computing, Computer Technology, Music Technology, Networking and Electronics. Careers in computer and electronics design, many varieties of programming, systems analysis and design are all options for
Course content

The course is made up of 3 main strands: performance, choreography and appreciation.

Students will be required to take part in regular technique class and will regularly choreograph work of their own in a variety of styles. Students will develop knowledge of areas of study from dance history, as well as a deeper understanding of a set work to critically analyse in terms of its content and context. Students will select a key practitioner from history to reproduce a solo in his/her style and dance as part of a group in performance. Students will also choreograph a group dance on others to demonstrate thorough investigation, research, craft and manipulation of movement material.

Skills Required

Prior training or experience in dance a huge asset, including GCSE dance but similar transferable skills can be an advantage too such as martial arts, gymnastics, cheerleading, that develop your coordination, kinesthetic awareness, agility and flexibility.

A good writing style is important and a creative mind will suit this course.

A-Level Course Structure

Year 1
Component 1: Performance and choreography (80 marks)
Practical exam Performance: a solo choreography created and performed by you and a duo/group performance piece

Component 2: Critical engagement (80 marks) Written exam: 2 hours
Knowledge, understanding and critical appreciation of two areas of study: One compulsory, one optional area of study, from a choice of four. The reflection and understanding of own choreographic and performance practice.

Year 2
Component 1: Performance and choreography (80 marks)
Solo Performance & Group choreography: a solo performed by you in the style of a key practitioner, a group dance choreographed on others and performance in a quartet.

Component 2: Critical engagement (100 marks) Written exam: 2 hours 30 minutes
Knowledge, understanding and critical appreciation of two set works. One compulsory set work within the compulsory area of study, one optional set work within the corresponding area of study, from a choice of four.

Assessments

Informal assessments take place regularly through practical performances of work in progress during class. This is supported by regular teacher, self and peer feedback. Students will be more formally assessed in all unit areas at least once per term. Assessment can be in written or practical form and regular homework will inform this process.

Career Value

The intrinsic value of dance is the development of creative, imaginative, physical, emotional and intellectual capacities.

Skills such as confidence, self-esteem, team working, problem solving, fitness, cultural awareness, analytical skills and more are all work related and can be gained by taking A-Level Dance – an asset to many career choices. A level dance can also lead to higher education in Dance, Performing Arts, professional training and professional employment.
Drama and Theatre

**Director of Learning:** Mr N Hargreaves

**Exam Board:** EDEXCEL

**Entry Requirement:**
Entry Requirement: Grade 5 or above in GCSE Drama and Grade 5 in GCSE English. Students who don't meet these requirements may be admitted after a successful audition.

**Course content**
Through this course students will be taught to make, perform, interpret and understand Drama and Theatre whilst developing a critical eye for live performance. Students will engage with a number of important practitioners and texts from a range of movements in theatre history. Working practically and collaboratively with their peers to develop their theatre making skills and creativity, students will become effective theatre makers who can analyse their own work as well as the work of others.

Experiencing live performance is an essential part of the course and students will have the advantage of Dunraven's generous offering of free theatre visits at The Young Vic, The Old Vic and other London theatres.

**Skills Required**
Students should have a working understanding of Drama and Theatre, how to create performance as a group and how to create a character individually. Students will need to be able to interpret text from page to stage and should be able to analyse live performance.

**Course Structure**
Component 1: Devising (40%)
Component 2: Text in Performance (20%)
Component 3: Theatre Makers in Practice (40%)

**Assessments**
Text in Performance
Students are assessed as a performer in a group performance and a monologue/duologue.

Theatre Makers in Practice
Students complete a written examination evaluating a piece of live theatre they have seen and showing how they would interpret an extract from a set text in performance as an actor and a designer. Students also need to complete a question stating how they would apply a practitioner to a different set text to realise their own performance concept as a director.

Devising (A-Level)
Students need to create a piece of original theatre as a group using a published play as a stimulus. Students also need to submit a portfolio (written or recorded) analysing and evaluating their creative process.

**Career Value**
As well as providing a good basis for further study or a career in the arts or media, A-Level Drama and Theatre provides students with a wide range of transferable skills essential in any career. Confidence, presentation, analysis, research, teamwork, leadership and creativity are sought after skills in all fields.
Economics

Director of Learning: Mr S Urdiales
Exam Board: AQA
Entry Requirement:
Grade 6 in GCSE English and Maths

Course content
Economics is about choice and is at the heart of all decision-making. Individuals, businesses and governments are all faced with making choices where resources are scarce. As a result, Economics is applicable in a wide range of fields, including business, finance, administration, law, local and national government and, indeed, most aspects of everyday life. In studying Economics students will examine topics of obvious importance to human well-being such as pollution, socio-economic inequality and inflation. Economics is valuable not only for the topics it studies, but also for its methods of analysis. The processes economists use in analysing arguments is a valuable skill that can be transferred across different disciplines.

Skills Required
In order to be successful in this subject you need to have a good level of numeracy and literacy as writing essays and data analysis are an important element of the course. It is also important to have a critical thinking approach to issues as it is required that you analyse a particular economic problem and offer economic solutions to that problem. You need to be able to justify economic policies based on evidence given to you in a case study. We very much welcome students with a good understanding of current affairs as it will prove to be very valuable during the course.

Course Structure
Unit 1   The operation of markets and market failure
Unit 2   The national economy in a global context

Unit 3   Individuals, firms, markets and market failure
Unit 4   The national and international economy

Assessments
Paper 1         Markets and market failure
Paper 2         National and International Economy
Paper 3         Economic principles and issues

Career Value
Due to the fact that the number of skills acquired during the study of Economics are transferable, most students will have diverse career options from the most common of banking, finance, academia to others such as geography, history, law and so on.
English Literature

Director of Learning: Mr P Fennemore
Exam Board: AQA
Entry Requirement:
At least a grade 6 in GCSE English Language and English Literature.

Course content

There are two broad themes studied over the two year course: ‘Love through the Ages’ and ‘Texts in Shared in Contexts - Modern Times: 1945 to the present day’. In Year 12, for ‘Love through the Ages’ students will start by studying a unit that introduces the novel form before going on to study Shakespeare’s Othello, Scott Fitzgerald’s The Great Gatsby, and an anthology of pre-1900 poetry. Students will also start to read for and write their Non Examined Unit (previously called Coursework), which will require them to choose two texts (one of which must be pre-1900) and write a comparative essay on a theme of their choice.

As the students move into Year 13, they will be study ‘Modern Times: 1945 to the present day’. They will study Skirrid Hill, a collection of poetry by Owen Sheers, Oranges are not the Only Fruit and a Streetcar Named Desire. They will also revise the texts they have studied earlier in the course and prepare for the unseen poetry and prose elements to the examination.

Skills Required

A love of reading and an analytical mind. Students should be able to read independently and with passion. It is also essential that students are confident extending their writing and we welcome students who enjoy engaging in classroom discussion.

Course Structure

Theme: ‘Love through the Ages’
Theme: ‘Love through the Ages’- Shakespeare’s Othello; unseen poetry; comparing prose and poetry.
Theme: ‘Modern Times: literature from 1945 to present day’- set poetry; unseen extract; comparison of play and prose.

Assessments

Paper 1 (40%) ‘Love through the Ages’ – 3 hours
Paper 2 (40%) ‘Modern Times: 1945 to the present’ – 2 hours 30 minutes
Independent Critical Study (20%) Texts Across Time – 2500 word essay comparing two texts.

Career Value

A highly respected qualification which produces independent critical and analytical thinkers. Students will develop vital skills in reading and communication, both of which are important to any career in either the public or private sectors. Students of English Literature may well go on to work in journalism, publishing or teaching, but are just as likely to go onto work in law, business or finance.

This A-level prepares students very well for the study of English Literature at university.
Course content

The A Level course in French provides learners with opportunities to appreciate the diverse and captivating culture of France and Francophone countries, as well as understanding the complex syntax that underpins the language. A wide range of contemporary and controversial topics are studied to enhance the study of the language and its linguistics. From the very outset of the course, learners of the language are given the strategies and skills to be able to participate in the language classroom, using and understanding the French spoken language for real purposes.

Oral and aural skills are further supported by our Foreign Language Assistants, who are timetabled on a weekly basis to give tutorials to individuals and small groups outside lesson time; these sessions are compulsory. The course comprises increasing communication at an advanced level and being creative with the language, in terms of discursive essays / debating skills, which often complement other subjects. Students will be expected to develop their independent skills whilst investing the time in their weekly assignments, as well as matching the skill set below.

Skills Required

Good communication skills and a willingness to participate in oral work.
An ability to respond to unpredictable language and use a range of strategies to solve a problem.
An ability to manipulate grammar rules and apply them in a variety of contexts.
An ability to undertake independent research skills and meet deadlines.

Assessment (Full A-Level)

Paper 1: Listening, reading and writing What’s assessed • Aspects of French-speaking society: current trends • Aspects of French-speaking society: current issues • Artistic culture in the French-speaking world • Aspects of political life in the French-speaking world • Grammar How it’s assessed • Written exam: 2 hours 30 minutes • 100 marks • 50% of A-level

Paper 2: Writing What’s assessed • One text and one film or two texts from the list set in the specification (Camus L’Etranger and Kassovitz La Haine) • Grammar How it’s assessed • Written exam: 2 hours • 80 marks in total • 20% of A-level

Paper 3: Speaking What’s assessed • Individual research project • One of four sub-themes ie Aspects of French-speaking society: current trends, Aspects of French-speaking society: current issues, Artistic culture in the French speaking world, Aspects of political life in the French-speaking world How it’s assessed • Oral exam: 21–23 minutes (including 5 minutes preparation time) • 60 marks in total • 30% of A-level.

Career Value

An A level French qualification is highly regarded by Higher Education institutions and a range of employers. It will facilitate careers in business, travel, interpreting, education, law, research, fashion, journalism, the arts and countless other professions and pathways in the UK and beyond.
Geography

**Director of Learning:** Mr J Noble-Smith

**Exam Board:** Edexcel

**Entry Requirement:**
Grade 6 in GCSE Geography

**Course content**

Students will learn about the connections that exist across our physical landscapes, between places, people and the environment. Students will be able to understand and explain the human systems which govern us and our impact on the world around us, taking a holistic approach to wide and varied aspects of geography. These fundamentals of geography will be taught through the following topics:

**Year 12:**
Tectonic Processes and Hazards, Landscape Systems Processes and Change, Globalisation, Regenerating Places

**Year 13:**

**Skills Required**

Students should hold a keen interest in the study of the world around them. There are a number of specific skills which students are expected to master during their A level Geography course.

- Cartographic skills
- Numerical and statistical skills
- Graphical skills
- Technology and ICT skills

**Course Structure**

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<th>Physical Processes</th>
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<td>Synoptic Issue Evaluation</td>
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<td>Unit 4</td>
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**Assessments**

<table>
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<th>Unit 1</th>
<th>2hrs – 30% of A Level</th>
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<td>Unit 2</td>
<td>2 hrs – 30% of A Level</td>
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<td>Unit 3</td>
<td>1hr 45mins – 20% of A Level</td>
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<td>Unit 4</td>
<td>3000-4000 word report (coursework) – 20% of A Level</td>
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**Career Value**

The skills developed in geography lend themselves to a wide range of professions and further study areas. Geography is one of the 8 facilitating subjects, recognised by Russell Group universities as providing a solid foundation of knowledge for undergraduate study, and delivering a rigorous and traditional academic course. At university you could study for a single honours degree in geography, or combine geography with another subject. Geographers are numerate, literate, communicative and capable of making balanced judgements and writing cohesive reports. The all round skills you will develop on this course are very valuable to employers in many fields, and geography graduates are highly employable.
Course content

Year one
Government and Politics

Unit 1 People and Politics. Students will explore issues including: Elections and electoral systems, Political Parties, Pressure groups.

Unit 2 Governing the UK. Students will explore issues including: The Executive- Prime Minister and Cabinet predominantly The Judiciary and Civil liberties, The Constitution.

Year two
Government and Politics- Political Ideologies

Unit 3b Political Ideologies, Students will explore issues including: Anarchism, Liberalism, Socialism

Unit 4b Political Ideologies, Students will explore issues including: Feminism, Nationalism, Ecologism

Course Structure Year One and Two

Year one

Unit 1 People and Politics

Unit 2 Governing the UK

Year two

Unit 3-Political Ideologies

Unit 4- Political Ideologies

Career Value

Politics is an interesting subject and many students have continued to study Politics at University. Students studying Politics become familiar with knowledge and skills which will stand them in good stead for any career. They develop a secure grasp of political issues, current affairs and the ability to think critically, to evaluate and analyse data and information – all useful for law, financial services and banking, teaching, leadership/ management and community work.

Our Politics Society provides a platform for enriching students’ political interest and literacy.
Course content

In order to study History at A-level a good History, Humanities and/or English GCSE grade is vital. An interest in History and a willingness to read a range of material critically is also important. Independent learning and an appreciation of the value of learning are also a requirement on the History course.

Skills Required

To be a good History student you need a passion and eagerness to explore the past through a range of historiographs. You must be able to work independently and in groups to explore and understand different historical ideas and interpretations. Good communication skills are essential to deliver ideas as well as being able to feedback ideas through class presentations. A firm grasp of written English is required in order to cope with the demands of the various skills used in History, such as essay writing and the interpretation of historical sources.

Course Structure

A Level
Unit 1
Breadth Study
Industrialisation and the People: Britain, c1783-1885

Unit 2
Depth Study
Revolution and Dictatorship: Russia and the Soviet Union, 1917–1953

Unit 3
Historical Investigation
A personal study based on a question in the context of approximately 100 years of History

Assessments

Unit 1 Written exam: 2 hours 30 minutes
Students are required to answer three questions linked to historical interpretations worth a total of 80 marks (40% of A-Level)

Unit 2 Written exam: 2 hours 30 minutes
Students are required to answer three questions; two essays and one question linked to source material worth a total of 80 marks. (40% of A-level)

Unit 3 Coursework
Students are required to complete a personal study of approximately 3500 words worth a total of 40 marks. (20% of A-Level)

Career Value

History is an excellent academic qualification to possess. By its very nature, the subject is about enquiry and analysis of information. Any career which requires the analysis of information will be open to someone with these critical skills, examples are careers in law, business, marketing, and management. History as a qualification is highly thought of by universities because at the heart of it are communication skills and the ability to communicate fluently and with clarity, using knowledge and understanding.
Course content

Cambridge Technicals are vocational qualifications and are designed with the workplace in mind. They are a high-quality alternative to A levels. They are a combination of externally and internally marked assessments. Students will develop a range of professional, personal and social skills that will be transferable to their future workplace. It follows an Application Developer pathway, allowing students to develop a range of applications across platforms and sectors. The IT course is designed to be refreshing and exciting. Consulted with employers and industry specialists, such as IBM, Barclays and Cisco.

Skills Required

Logical thinking / Analytical skills / A keen interest in IT and technological developments

Course Structure

Level 3 Qualification:

Unit 1 - Fundamentals of IT
Unit 2 - Global Information
Unit 6 - Application Design
Uni 12 - Mobile Technology
Unit 13 - Social Media and Digital Marketing

Assessments

Unit 1 - 1 hour 30 minutes written exam - 20% of total qualification
Unit 2 - 1 hour 30 minutes written exam - 20% of total qualification
Unit 6, 12 and 13 - Coursework, internally assessed and moderated by OCR, each worth 20% of total qualification

Career Value

IT offers excellent progression to a variety of degrees and careers including Computing, Game Design, Animation and App Development.
Mathematics

Director of Learning: Ms L Blaiklock
Exam Board: AQA
Entry Requirement:
Grade 7 in GCSE Maths

Course content
The new A-level Maths is a linear course with three terminal papers. Two thirds of the content will be on Pure Core units which provide the techniques in Algebra, Geometry, Trigonometry and Calculus that form the fundamental building blocks of the subject.

Mathematical applications make up the remaining third of the qualification, where students will focus on mechanics and statistics. Mechanics is the study of forces, energy and motion and statistics has a focus on probability, data handling and testing hypotheses.

Skills required
The ability to apply themselves steadily throughout the course: there is consistent demand to build up hierarchical concepts almost daily.

The desire to make sense of mathematical text, and building new concepts rather than just reproducing algorithms.

The ability to present solutions clearly and concisely, and to extend their own thinking within a logical framework.

Persistence is crucial, as harder problems will often require several attempts before a way in is identified.

Course Structure
Running across all three papers are the mathematical overarching themes:
- Mathematical argument, language and proof
- Mathematical problem solving
- Mathematical modelling

Year 2 content builds upon year 1 content, where everything is then assessed in three terminal papers.

Assessments
All three papers are of equal weighting and are assessed by an exam of 2 hours each.

Paper 1: Pure core content - proof, algebra and functions, coordinate geometry, sequences and series, trigonometry, exponentials and logarithms, differentiation, integration and numerical methods

Paper 2: Pure core and mechanics - any of the above from paper 1 alongside vectors, kinematics, forces and Newton's laws and moments.

Paper 3: Pure core content and statistics - any of the above from paper 1 alongside statistical sampling, data presentation and interpretation, probability, distributions and hypothesis testing.

Career Value
A-level Maths provides students with a thorough grounding in the mathematical tools and techniques often needed in the workplace. The logic and reasoning skills developed by studying A-level Maths make sure the qualification is widely respected even in non-mathematical arenas.

A-level Maths provides a foundation for further studies in a variety of subjects including Science, Computing and Engineering.
Further Mathematics

**Course content**

A-level Further Mathematics is designed to broaden and deepen the mathematical knowledge and skills developed when studying A-level Mathematics. It may be studied alongside or after taking A level Mathematics and provides a stimulating experience for those who enjoy the subject.

The new A-level Further Maths is a linear course with three terminal papers. Two thirds of the qualification will be on Further Pure Core content, with the remaining third being made up of the mathematical applications of mechanics and discrete maths.

The Further Pure units build upon the techniques in Algebra, Geometry, Trigonometry and Calculus developed from the Pure Core units as well as introducing topics such as complex numbers, matrices, proof, hyperbolic functions, polar coordinates and differential equations.

**Skills required**

The ability to apply themselves steadily throughout the course: there is consistent demand to build up hierarchical concepts almost daily.

The desire to make sense of mathematical text, and building new concepts rather than just reproducing algorithms.

The ability to present solutions clearly and concisely, and to extend their own thinking within a logical framework.

Persistence is crucial, as harder problems will often require several attempts before a way in is identified.

**Course Structure**

Year 2 content builds upon Year 1 content and there will be an option to finish with either an AS Level or an A level in Further Mathematics.

**Assessments**

All three papers are of equal weighting and are assessed by an exam of 2 hours each.

Paper 1 and Paper 2: Further pure core content - proof, complex numbers, matrices, algebra and functions, calculus, vectors, polar coordinates, hyperbolic functions, differential equations, trigonometry and numerical methods.

Paper 3: Discrete mathematics and Further Mechanics. These will be a mix of question styles, from short, single-mark questions to multi-step problems.

**Career Value**

Studying both A-level Mathematics and Further Mathematics provides a foundation for further studies in any Science or Maths-based course, ranging from Computer Science, Medical Sciences, and Psychology to Statistics, Management and Actuarial Science.
Course content

Digital and Media skills are among the most desirable qualities you can have in the modern world. In almost any career one is likely to benefit from being able to decode and produce multimedia content (images, video and audio) in order to be effective. Media teaches those skills. At Dunraven, we specialise in modes of film and media production that develop independent project management and creativity as well as a range of technological skills. Media students at Dunraven work on briefs set by real industry professionals; marketing, cinematography, sound design, visual effects, web design and more. You will be trained in how to maximise the potential of your own devices as well as getting the opportunity to work with industry-level equipment and software.

Skills Required

The ‘Media’ sector comprises more than 40% of the professional level jobs in London; marketing, PR, journalism and many more. At Dunraven we have an excellent record of placing motivated students in work experience and internships straight out of school. Further, the UK Film Industry is booming. Major Hollywood productions are housed at Pinewood and Shepperton studios and the number of people employed on these productions are in the thousands. If you are independent, creative and motivated to learn – not just achieve a grade to get you into university – then Media at Dunraven will be a great fit for you.

Course Structure

Advanced Subsidiary Coursework:
G321 Foundation Production
Research, then plan and create the opening 2 minutes of a Feature film (shot on digital video and edited on professional level software).
Examination: G322 Key Media Concepts, TV Drama & Representation, Audiences & Institutions

Advanced Level:
Coursework:G324 Advanced Production Research, then plan and create a five minute Documentary Short film on a personal/local subject.
Examination: G325 Critical Perspectives on the Media. Theoretical Evaluation of Production Contemporary Media Issues: We Media and Domocracy

Assessments:

Advanced Subsidiary
Coursework: G321 Foundation Production 50% of AS/25% of A2 (100 marks)
Examination: G322 Key Media Concepts, 2 Questions, each worth 50 marks. 2 hours - 50% of AS/25% of A2 (100 marks)

Advanced Level
Coursework: G324 Advanced Production, 50% of AS/25% of A2 (100 marks)
Examination G325 Critical Perspectives on the Media 3 Questions, 2 worth 25 and 1 worth 50 marks. 2 hours - 50% of AS/25% of A2 (100 marks)

Career Value

Media Studies at Dunraven covers skills and knowledge applicable to a wide range of careers; Advertising/Marketing, Journalism, Graphic Design and Film/TV Production among them. Careers in Media are consistently one of the most sought-after in the UK, with extremely competitive salaries and perks.
Music

Director of Learning: Ms E Blackler
Exam Board: EDEXCEL
Entry Requirement:
Entry Requirements: Grade 8 above in GCSE Music, Grade 5 and above on main instrument. *Grade 5 theory is desirable.

Course content

Music A Level is a stimulating and enriching course. In the new Edexcel qualification, students study all three main musical disciplines of performance, composition and appraisal. Students work individually, in pairs and as part of a group, analysing music, studying music history, exploring concepts over time and composing and performing.

Students will be encouraged to engage critically and creatively with a wide range of music and musical contexts, develop an understanding of the place of music in different cultures and contexts, and reflect on how music is used in the expression of personal and collective identities.

Students have full access to Music ICT resources and support throughout the course. Final composition submissions will be written and presented using Sibelius score writing software.

Attending external performances is an essential part of the course and students are expected to attend a variety of concerts, workshops and seminars across London throughout the two years.

Course Structure A2

Component 1: Performing 30%
A public performance or one or more pieces, performed as a recital.
Total performance time of 8 minutes (recorded after 1 March in year 13)

Component 2: Composing 30%
Two compositions, one to a brief set by the board and one either free composition or also to a brief. Total time - minimum of 6 minutes

Component 3: Appraising 40%
One written paper of 2 hours, with a total of 100 marks.
Section A: Three sections related to total of 18 set works studied over the course (Twelve in year 12 and six in year 13); One short melody/rhythm completion exercise
Section B: Two essay questions relating to set works studied.

Assessments
As above - 100% Externally assessed in year 13.

Assessments

Unit 1  Recital 5-6 minutes
Unit 2  Vocal or Instrumental composition and sleeve notes. 60 marks
Unit 3  2 hours listening paper at end of year.

Career Value

A Level Music is an academically rigorous and creative course which is well regarded by higher education institutions. Students develop performance skills as well as advanced skills in musical analysis and composition. This course would be suitable for any students wishing to pursue a course in Music at University and as a traditionally highly specialist subject Music A level would be a strength on any students UCAS application form going through the process of University application.

For students wishing to pursue a training course, possibly in music production or studio recording, Music A level is again a definite asset and Dunraven have had students in the past pursuing this pathway following their A level course.

For students wishing to pursue a training course, possibly in music production or studio recording, Music A level would be a definite asset.
Philosophy

Director of Learning: Mr D. Morgan
Exam Board: AQA
Entry Requirement:
Grade 6 in English and Grade 7 in Religious Studies

Course content

The philosophy course asks these questions:

What can we know?
Can the existence of God be proved?
How do we make moral decisions?
Are my mind and body separate?

These are fundamental questions and the material covered in the course not only provides students with a good understanding of how these debates have, so far, been framed, but also prompts students to consider and discuss their own ideas too. Students will have the opportunity to engage in detailed analysis of philosophical texts, which will be used as a springboard for further reading and reflection.

Course Structure

Year One
Epistemology: What can we know? Is there such a thing as objective reality?
Moral Philosophy: The study of ethical theories. What does it mean to be good? Is morality objective?

Year Two
Metaphysics of God: The concept and nature of God. Arguments for and against the existence of God.
Metaphysics of the Mind: The concept and nature of how the mind works. Is there a distinction between the body and the mind?

Assessments

Two three hour exam papers to be taken at the end of Year Two. Each paper is worth 50% of the A Level.

Paper 1
Section A Epistemology
Section B Moral Philosophy

3 hour written examination

Paper 2
Section A: Metaphysics of God
Section B: Metaphysics of Mind

3 hour written examination

Career Value

The skills of critical thinking, analytical reasoning and looking at the intellectual moral development of humanity would suit many students who are thinking of going into careers in fields such as law, politics, teaching, economics, or the media. Philosophy as a subject shares many links with English, History, RE, Sociology, Law, Politics and Psychology.
Photography

Co-Directors of Learning: Ms J Votano and Mr L Roszkowski

Exam Board: AQA

Entry Requirement:
Grade 6 in GCSE Art and Design

Course content

Photography provides students with a wide range of creative, exciting and stimulating opportunities to explore their interests in ways that are both personally relevant and developmental in nature. This subject enables students to develop their ability to actively engage in the processes of Digital Photography – to build creative skills through learning and making, to develop imaginative and intuitive ways of working and develop knowledge and understanding of media, materials and technologies in historical and contemporary contexts, societies and cultures.

The course entails an introduction to the workings of the camera - investigating aperture, depth of field and composition. The use of light as an element in photography. Digital photography and processing. Viewpoints, composition, colour temperature. Image manipulation. Recording observations, experiences and ideas in visual forms. Analysing and evaluating sources and objects, showing understanding of purposes, meanings and contexts. Developing ideas through sustained investigation, selecting processes, interpreting relationships and analysing methods and outcomes. Presentation of personal, coherent and informed response.

Skills Required

This course is suitable for any student who has a significant degree of artistic skill and who is prepared to work hard both practically and independently towards a good result.

Course Structure A2

Unit 1 Coursework
Personal Investigation-2,000 word essay on chosen theme to run alongside written essay on personal theme

Unit 2 Externally set assignment on exam them

Assessments

Assessment Objectives:

AO1 Develop their ideas through sustained and focused investigations informed by contextual and other sources, demonstrating analytical and critical understanding. 20 Marks

AO2 Experiment with and select appropriate resources, media, materials, techniques and processes, reviewing and refining their ideas as their work develops. 20 Marks

AO3 Record in visual and/or other forms ideas, observations and insights relevant to their intentions, demonstrating an ability to reflect on their work and progress. 20 Marks

AO4 Present a personal, informed and meaningful response demonstrating critical understanding, realising intentions and, where appropriate, making connections between visual, written, oral or other elements. 20 Marks

Coursework 80 marks
Externally set assignment 80 marks

Career Value:

There are many varied areas of creative employment where the employer will be looking for an A level in Photography. Macro Photographer, Nature Photographer, Wildlife Photographer, Wedding Photographer, Under-water photographer, Aerial Photographer, Photojournalist, Forensic Photographer. Studio Photographer, Portrait Photographer, Photographic Artist, Architectural Photographer and more.

Having a creative mindset is an excellent attribute in any employment setting.
Course content

Physics at A-Level is a two year course. Students will focus on particle Physics, waves, mechanics, materials, electricity. Further mechanics, thermal Physics, electric and magnetic fields, nuclear Physics and an optional unit such as Astrophysics or Medical Physics. Whilst there will be plenty of practical tasks to be done throughout the course, there is no formal practical assessment. However students will be entered for the continuous assessment of practical skills. This requires the students to pass certain competencies. Once passed, it will be noted on their statement of results. Student need to also note that those wishing to study a scientific subject at university will be required to pass these competencies. The criteria will be marked off from 12 practicals over the course of the two years, 6 from the first year of the course and 6 from the second year of the course. Students will also be set examination questions on these required practicals.

Skills Required

Strong mathematical skills are essential (e.g. confidence with rearranging algebraic expressions, handling powers of 10 and exponentials).

Strong skills in experimental science are also required (e.g. taking precise measurements and analysing data in the form of graphs).

Strong communication skills are also important: you will need to communicate complex information in a concise and precise manner using good grammar and the correct technical vocabulary.

Overview of assessments

Paper 1
Topics examined: Section 1-5 and 6.2 (Periodic motion)
Time: 2 hours
Number of marks: 85
Examining style: 60 marks of short and long answer questions and 25 multiple choice questions 34% of A level

Paper 2
Topics examined: Section 6.2 (Thermal Physics), 7 & 8
Time: 2 hours
Number of marks: 85
Examining style: 60 marks of short and long answer questions and 25 multiple choice questions 34% of A level

Paper 3
Topics examined: Section A: Practical skills and data analysis & Section B: Option
Time: 2 hours
Number of marks: 80
Examining style: 45 marks of short and long answer questions on practical experiments and data analysis and 35 marks of short and long answer questions on optional topic 32% of A level

Career Value

Course content

Year one

Unit 1a Cognitive Psychology, Developmental Psychology and Research Methods. Students will explore issues including:

- Infant attachment
- Psychological research methodology
- Memory

Unit 2a Biological Psychology, Social Psychology and Individual Differences. Students will explore issues including:

- Stress
- Social influence including conformity and obedience
- Individual differences-abnormality

Year two Psychology A

Unit 3A-Topics in Psychology - Students will explore issues including:

- Eating Behaviour
- Relationships
- Cognition and development

Unit 4A- Psychopathology, Psychology in Action and Research Methods - Students will explore issues including:

- Psychopathology-Schizophrenia,
- Psychological Research and Scientific Methods
- Addictive behaviour

Career Value

Psychology is an interesting and successful subject at A level and many students continue to study Psychology at University. Students studying Psychology become familiar with knowledge and skills which will stand them in good stead for any career where an understanding of the psychology of the mind and human behaviour is important eg Educational Psychologist, Research Psychology, Teaching, counselling.

Course Structure

Year one

Unit 1
Cognitive Psychology, Developmental Psychology and Research Methods

Unit 2
Biological Psychology, Social Psychology and Individual Differences

Year two

Unit 3- Topics in Psychology
Unit 4- Psychopathology, Psychology in Action and Research methods

Assessment

Year one

Cognitive Psychology, Developmental Psychology and Research Methods
1 hour 30 minute examination
72 marks maximum

Year two

Unit 2A
Biological Psychology, Social Psychology and Individual Differences
1 hour 30 minute examination
72 marks maximum

Unit 3A
Topics in Psychology
Sociology

Director of Learning: Ms V. Mcleod
Exam Board: AQA
Entry Requirement:
Grade 5 in GCSE English Language and a Humanities subject

Course content

The A level Sociology course aims to ensure that students are able make informed judgements about contemporary issues and to foster an awareness of the social world in which they live. Students often find that skills and knowledge developed are transferable and beneficial to a range of other subject areas.

Students are exposed to a range of social and political debates, sometimes controversial, enabling them to develop skills of critical awareness and analysis. This is an academic subject, where written communication skills are paramount, sociology lessons typically use a range of methods to develop sociological understanding and skills including: debate, student-led seminars, discursive essay writing, analysis of texts, essay modelling and peer assessment.

The course encourages students to become independent learners in order to enhance their grasp of broader sociological discourses. Hence, wider reading of sociological journals and texts, newspapers and media documentaries is encouraged.

Skills required

- Strong writing skills and an ability to use evidence to inform essay writing
- Independent thinking and learning skills
- A readiness to actively contribute to lessons
- An openness to new ideas

Course Structure

Year 1

Paper 1  Education with methods in context
Paper 2  Research methods, and families and households

Year 2

Paper 1  Education, with theory and methods
Paper 2  Families and households, beliefs in society
Paper 3  Crime and deviance, with theory and methods

Assessments

Paper 1  2 hour exam, 80 marks, 33.3% of A Level
Paper 2  2 hour exam, 80 marks, 33.3% of A Level
Paper 3  2 hour exam, 80 marks, 33.3% of A Level

Career Value

Sociology students have historically enjoyed significant exam success and many have continued to study Sociology at university.

Sociology is a useful subject for a diverse range of careers where skills such as critical analysis and an understanding of social, political and economic issues are crucial. Examples include law, teaching, journalism and community work to name but a few.
Spanish

**Director of Learning:** Mr G Garcia

**Exam Board:** AQA

**Entry Requirement:**
Grade 6 or above in GCSE Spanish with a grade 7 in Written Paper

**Course content**

The A Level course in Spanish provides learners with opportunities to appreciate the diverse and captivating culture of Spanish and Hispanic countries, in addition to understanding the complex syntax that underpins the language.

A wide range of contemporary and controversial topics are covered to enhance the study of the language and its linguistics. From the very outset of the course, learners of the language are given the strategies and skills to be able to participate in the classroom, using and understanding the Spanish spoken language for real purposes.

Oral and aural skills are further supported by our Foreign Language Assistants, who are timetabled on a weekly basis to give tutorials to individuals and small groups in addition to lesson time.

The course comprises increasing communication at an advanced level and requires students to be creative with the language, in terms of discursive essays / debating skills, which often complement other subjects. Students will be expected to develop their independent skills, investing time in their weekly assignments, as well as matching the skill set below.

**Skills Required:**

- Good communication skills and a commitment to participate in oral work.
- An ability to respond to unpredictable language and use a range of strategies to solve a problem.
- An ability to manipulate grammar rules and apply them in a variety of contexts.
- An ability to undertake independent research skills and meet deadlines.

**Assessments:**

Assessment (Full A-Level)

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 • Grammar
- How it’s assessed: Written exam: 2 hours 30 minutes • 100 marks • 50% of A-level

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

Paper 3:

- Speaking
- What’s assessed: Individual research project • One of four sub-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.

**Course Structure**

Students will be examined in all four skills: Listening, Speaking, Reading and Writing at both AS and A-Level. As well as the high level of language knowledge needed, the A-Level course is likely to include cultural topics taken from Spain and the Spanish-speaking world. In the past, these have included the study of the region of Catalonia and 20th Century Colombian History.

**Career Value**

An A level Spanish qualification is highly regarded by Higher Education institutions and a range of employers. It will facilitate careers in business, travel, interpreting, education, law, research, fashion, journalism, the arts and countless other professions and pathways in the UK and beyond.
Sports BTEC

**Director of Learning:** Ms L Kane

**Exam Board:** EDEXCEL

**Entry Requirement:**
Grade 5 in GCSE PE

**Course content**

Students will learn about anatomy, physiology and psychology based around sport and exercise. There will be opportunity to study sports coaching, an opportunity to undertake practical activities focussing on fitness testing for sport.

Students will learn about sports nutrition for sport and exercise as well as do work experience in one of the above areas.

**Skills Required**

Love of sport and exercise are essential. Students should be prepared to undertake tasks with independence and complete dedication. Students should be confident in performing practically. Students who compete in sport and exercise often enjoy the course.

**Course Structure Advanced Level:**
Diploma in Sport & exercise

Unit Mandatory units – all three units must be taken:

- Unit 1 Anatomy for Sport and Exercise.
- Unit 2 Sport and Exercise Physiology
- Unit 3 Sport and Exercise Psychology

The following three Units are from:

- Unit 1 Sports Coaching
- Unit 2 Fitness testing for sport and exercise
- Unit 3 Practical individual Sports
- Unit 4 Sports Nutrition
- Unit 5 Work experience in Sport

**Assessments**

All assessments are unit based.

- Unit 1 Psychology
- Unit 2 Physiology
- Unit 3 Anatomy

There is a choice of the other assessed units.

**Career Value**

The course improves students’ knowledge and understanding of how the body works during exercise. It is an excellent qualification for students leading onto sport science or PE at university. It aids students independent learning and also improves fitness.