TURTON SIXTH FORM COLLEGE

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SIXTHFORM@TURTON.UK.COM

TurtonSixthForm **01204 333239** @TurtonSixthForm

I am delighted you are interested in joining **Turton Sixth Form**. Our aim is to provide you with the highest standard of academic and pastoral support to guide you on your path beyond college.

Our college is separate from the main school with its own classrooms and student areas. Class sizes are small and this means you will get the individual time and attention you need from subject teachers. We have a large sixth form leadership team whose aim is to guide you through your time with us and offer advice and intervention when necessary.

Our courses are varied and we provide a range of enrichment opportunities to ensure our students are well developed learners with a real interest in the subjects they study. We have specialist tutors who you will see daily and will ensure you settle in quickly and get the most out of your time with us.

Our community is varied and we have students from a wide range of schools and backgrounds. Our tutorial programme ensures we discuss issues that matter to you and the world beyond Turton. Additionally, our vibrant student council ensures there is always lots going on. This includes social, sporting and fundraising activities to give you opportunities to get involved and make new friends.

My aim is to ensure you are challenged, supported and successful, and I believe Turton is the place to make that happen.



Mrs. K. Bali **Director of Sixth Form**

ANOTHER SUCCESSFUL YEAR AT TURTON SIXTH FORM



Mr. P. Koller
Deputy Director of Sixth Form

Mr. C. McGowan
Head of Year 13

Mrs. E. Lane
Head of Year 12

OUR SIXTH FORM TEAM



Mr. D. Hier
KS4/5 Strategy Coordinator

Support & Guidance

Academic and personal success at **Turton Sixth Form College** is a product of a number of factors, not least the support and guidance you will receive from the minute you enrol. When you start in the Sixth Form you will be assigned a personal tutor and be placed in a tutor group with students studying similar A levels in order to help you in the process of adapting to Sixth Form life.

Your tutor will monitor your academic progress and development over your two years in the Sixth Form. There is also a network of support provided by mentors as well as staff with areas of specific expertise.

The role of the tutor is to assist all students and help them have a smooth transition to A level. They also give advice on study techniques and time management, help with personal issues and write the highly important references for your future career path.

The Sixth Form team are here to ensure you are on track to meet your target grades and career ambitions. Grades are sent home every term to ensure our students and parents are aware of progress, and there is early intervention when necessary.

We know our relationship with parents is vital to ensure students are happy and successful. You will be regularly updated with events and key dates, and parents evening and reports offer opportunities to discuss with teachers your child's progress.


TOPSHOP





The Sixth Form Experience

College is about studying the subjects you enjoy in much more depth. Study periods will allow you to engage in wider reading and go far beyond what you learn in lessons. Students are encouraged to read academic journals and take more responsibility for their own learning.

You will be supported with time management and organisational skills so you can really excel in your subjects.

The Sixth Form block is equipped with your own Common Room and Study Area where you can get on with work. You have your own snack bar and social area with Wi-Fi throughout. We benefit from the resources of a 11-18 school, but with our own specialist areas.

To enhance your learning, departments organise a wide range of activities and trips. We have good links with local universities and there are various residential opportunities. These include Arran in Scotland, London and New York.

We strive for academic excellence and solid preparation for higher education, training or employment.

UNIVERSITY DESTINATIONS 2020



WHERE WILL **TURTON** TAKE YOU?



Extended Project

The extended project is a qualification that is a key feature of our academic programme; it allows the students to research an area of interest and demonstrate their ability to work independently. We have also witnessed the benefit of the EPQ in giving an advantage in securing places on the most competitive courses at the top universities, including Oxbridge.

It is difficult to summarise the range of subjects that can be put forward for an EPQ but over the past year these have included: Rap Music, Performance Enhancing Drugs, Norse Mythology, MRSA, The Stock Market, The Fashion Industry, Neuroscience, Autism, Manga Art and The History of Mathematics. Students are assigned a tutor and supported throughout the process to explore an area of interest.



ROME, ITALY



NEW YORK CITY, U.S.A

Extra Curricular

Our students are here to follow a range of courses and be academically successful. However, we are fortunate that our young people bring with them a determination to organise and support activities outside their subjects. We have a vibrant Student Council who organise a range of events throughout the year. This includes a 'Well-Being Week', sports activities, social events and fundraising initiatives. Our students care about our community and each other. Our college magazine is published each half term and is written, published and circulated by students. At Turton we encourage our students to organise and participate in events, in order to develop their confidence and skills for whatever path life take them on. There are various trips including London, Rome and New York, and we have a very popular Duke of Edinburgh programme.

Careers and Work Experience

Here at Turton Sixth Form we want to develop our students into well rounded and employable young adults. Therefore, we provide our students with a wide variety of opportunities to develop their employability skills and their insight into potential careers.

The job market is now incredibly competitive. Therefore, we believe it is our duty to prepare our students for the world of work, and consequently we expect all of our students to engage in careers education in its various forms. The Sixth Form has a designated Careers Coordinator, Mr Bach, who offers a careers drop in service where students can receive advice and guidance regarding potential careers, as well as help with applying for work experience or apprenticeships. Mr Bach also closely monitors students' intended destinations for after they leave Turton Sixth Form so that he can provide a targeted mentoring programme for those students that need that bit of extra help when it comes to their future career plans.

Other careers related opportunities that Turton Sixth Form offers include:

- Careers related tutorial sessions where students expand their employability skills;
- Mock interviews;
- Tailored support for students applying to Oxford or Cambridge;
- Work experience, including invaluable placement opportunities within the NHS;
- Workshops from outside employers and university lecturers;
- Trips to universities and various work places;
- Connexions advisor offering Year 13's support in finding an apprenticeship, even after they have left.
- Careers fair where students can talk to a variety of different employers, universities and agencies.

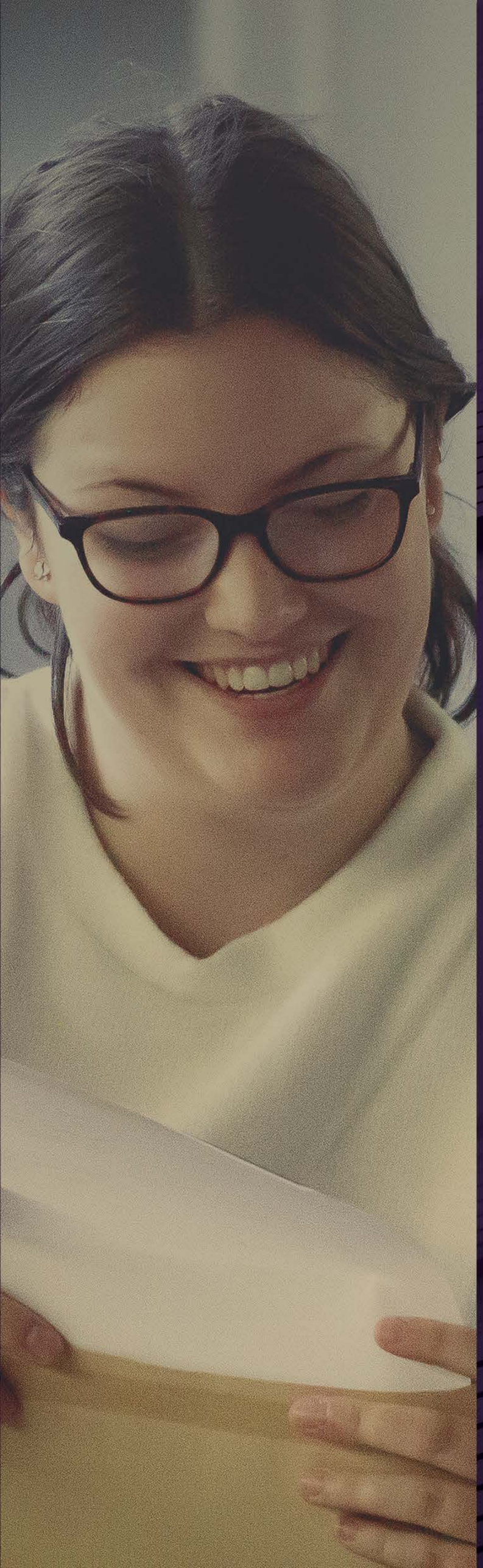
Higher Education

We invest a significant amount of time in supporting our students in the increasingly important step beyond the Sixth Form. Over recent years an average of three quarters of our students enter higher education and great care is taken to ensure that applications are both realistic and have appropriately related experience where required.

The amount of research needed to make a successful application to university cannot be understated and as a consequence the application process remains an integral part of the Year 12 tutorial programme.

Throughout Year 12, advice will be given on accessing information about courses and how to construct a personal statement as well as the opportunity to have a mock interview. University advisers are brought in to talk to students and run workshops and we also take advantage of local higher education fairs. In the case of certain subjects, it is essential that the students gain a significant amount of related work experience. We have also built up a number of links in order to provide a range of contacts for students needing the additional support.

We hold an annual event for students who are applying for particularly competitive courses and these are supported by a number of local universities. In addition, designated evenings are also held in order to give advice to parents about the university application process. We are proud of the high number of students who are successful in gaining places on the courses of their choice. This is particularly evident in the competitive medically related areas which attract applications from about a quarter of all our students. Our students also gain places at many of the top universities including Oxbridge.



Admissions Procedure

So how to apply:

You can either download an application from our website or e mail **balik@turton.uk.com**.

Interviews are between November and January and you will be invited by letter. Please bring along any mock exam results and your most recent report.

Entry requirements are subject specific and are all listed on the subject pages. These are to ensure students are doing the right courses and can access the skills and content.

Your interview is an opportunity to think about course choices and consider future career plans. Don't be nervous; we are here to help.

You will then be invited for interview again on GCSE results day to look at your grades and check your subject choices.

Good luck!

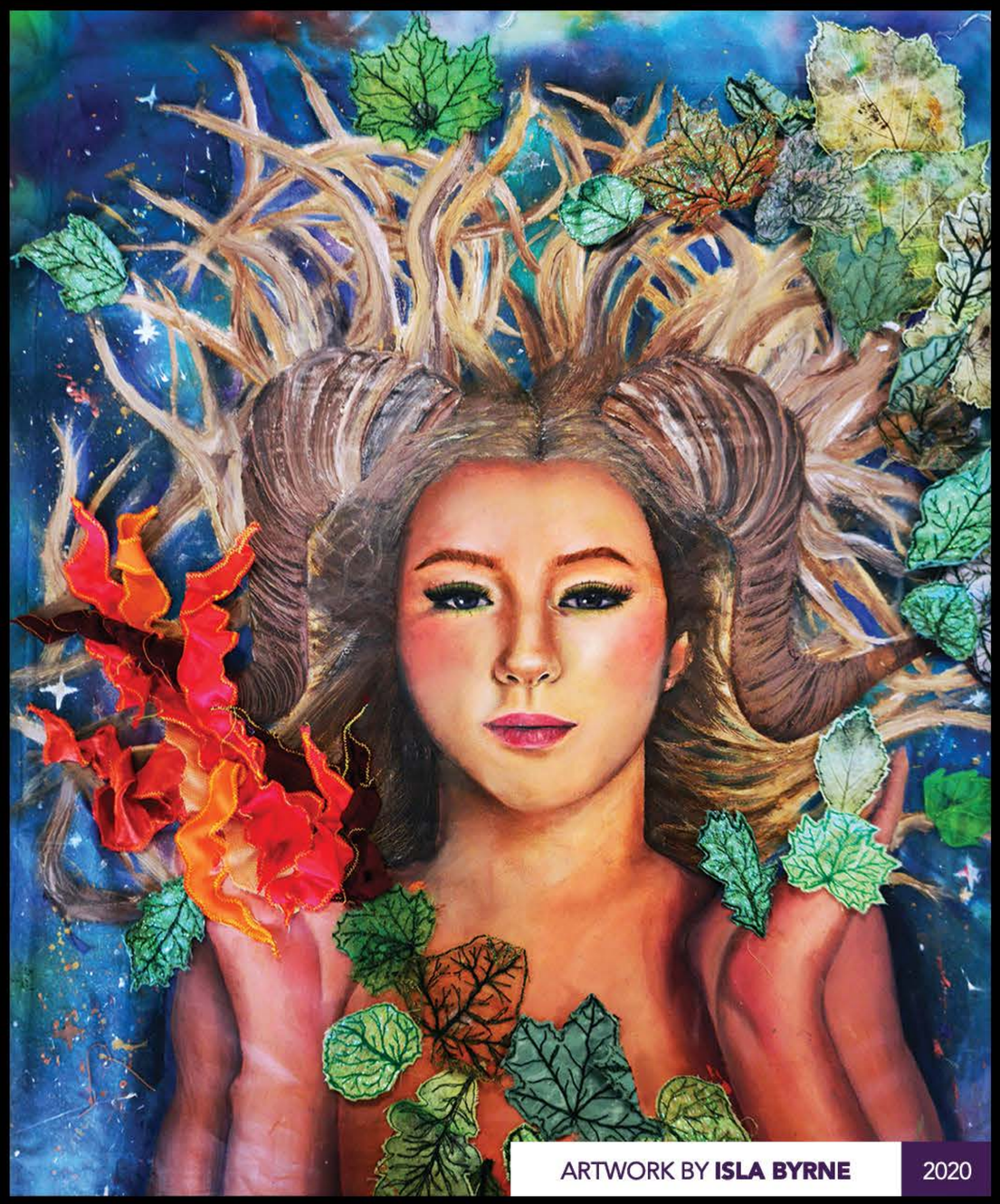


INTERFORM BENCHBALL

OUR COURSES

We offer a wide range of A-level and BTEC courses, some that will be familiar to you and others which you may not have been offered at GCSE. Students will choose three or four subjects depending on ability, and will sit their A levels after two years.

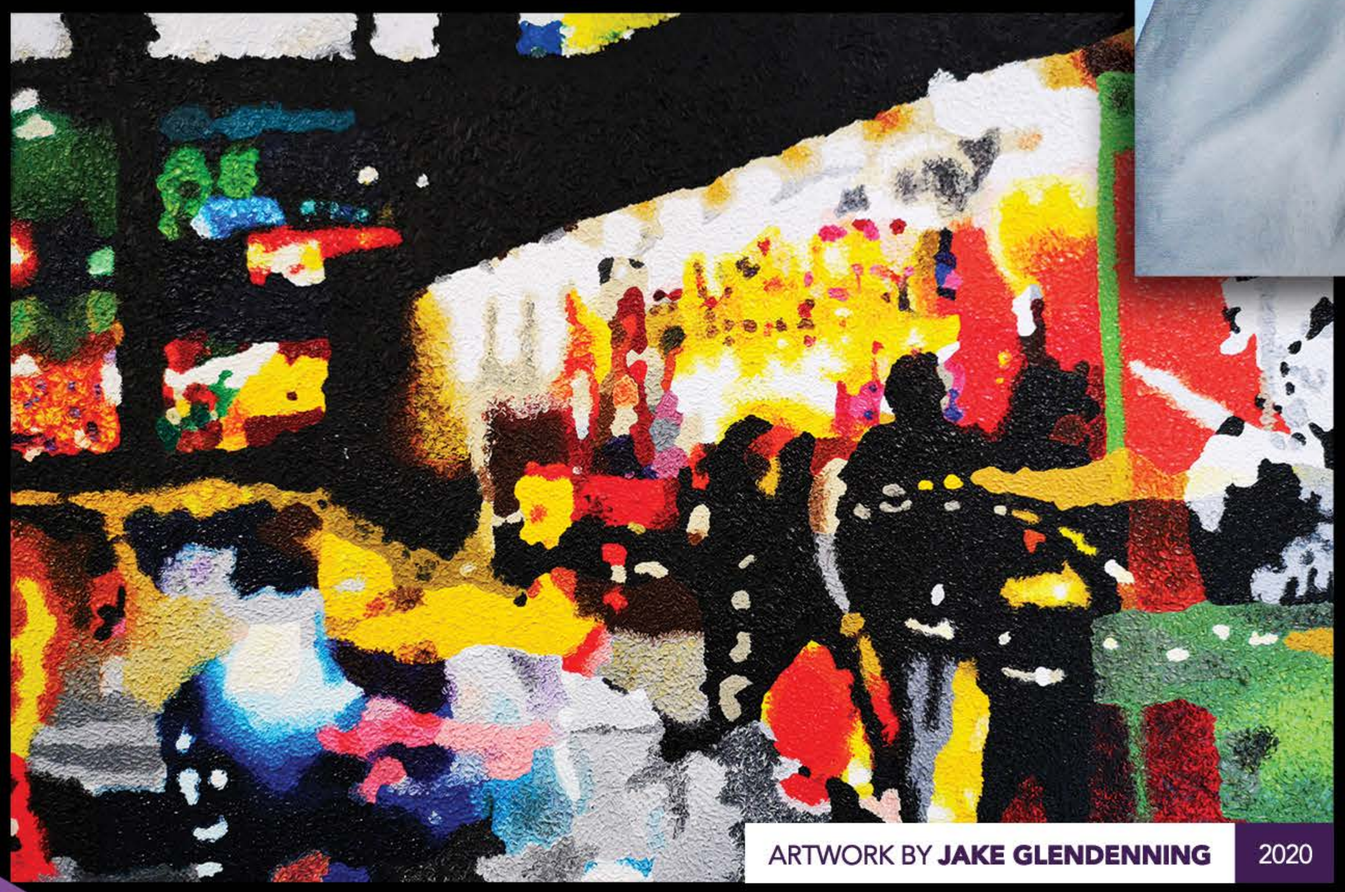
We try to organise the timetable to make sure as many students as possible can study their first-choice subjects, and we take a lot of care at interview trying to make sure that students sit the best set of courses for them and their career aspirations.



ARTWORK BY **ISLA BYRNE** 2020



ARTWORK BY **JASMINE HOLT** 2020



ARTWORK BY **JAKE GLENDENNING** 2020

Fine Art / Art, Craft & Design

A-LEVEL

Why study Fine Art/Art, Craft & Design?

A-Level Fine Art/Art, Craft & Design offers a broad, personalised curriculum in which you will explore and experiment with a variety of artistic media and techniques. Our students work in both two and three-dimensions and through traditional and new technologies. Drawing is a key part of the course but you will also explore techniques in graphics, textiles, photography and/or sculpture. Our students are fully committed to the subject and are encouraged to spend free time in the Art & Design Department in order to create a successful portfolio of work.

Where does it lead?

Our A-Level Art & Design students are highly sought-after with the majority choosing to continue their studies with a Foundation Diploma in Art and Design at either Blackburn College or Manchester Metropolitan University. Other students are accepted directly onto University degree courses to study Animation, Architecture, Ceramics, Fashion Design, Fine Art, Interior Design or Illustration.

What does it go well with?

Fine Art/Art, Craft & Design would complement most subjects. However, most of our students study other Art & Design A-Levels (Graphic Design and/or Photography), English, Media Studies, History and/or Product Design.

Requirements

Fine Art/Art, Craft & Design are predominantly practical subjects supported by a supplementary written element. We would expect you to achieve at least a grade 5 in GCSE Art & Design

The Course

You will follow the AQA specification and study:

Year 12: Foundation Year

This will be an exploratory, experimental year which will allow you to develop your ideas through personalised practical projects.

Component 1: Personal Investigation

This is a practical investigation into an idea, issue, concept or theme of your choosing. Your work will be supported by written material of 1000-3000 words.

Component 2: Externally Set Assignment

This is the practical examination that will consist of a preparatory period followed by 15 hours of unaided, supervised time.

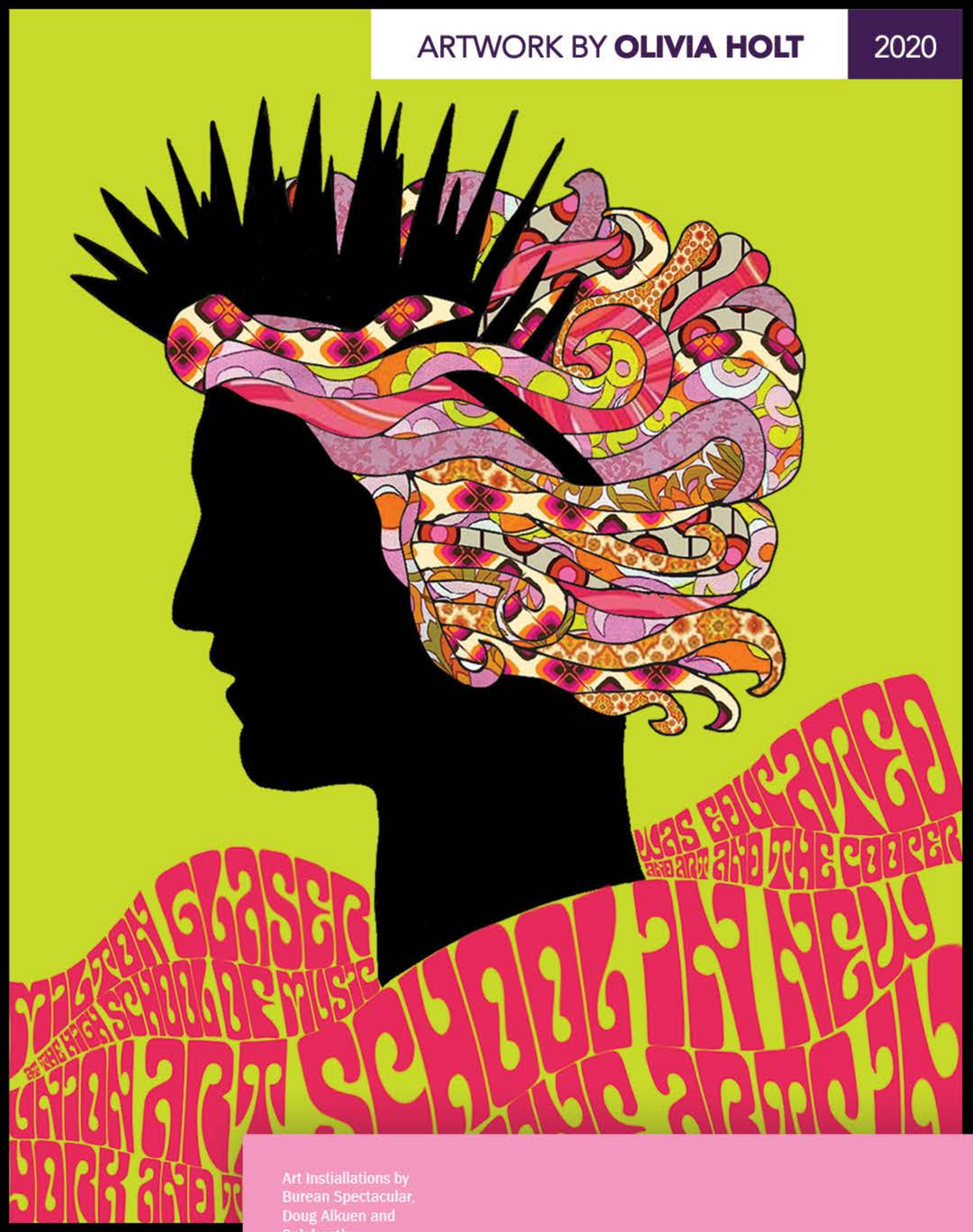
"I have always enjoyed Art & Design, which is a truly unique subject at Turton Sixth Form. The study is self-directed and tailored to what we want to do and is aided by incredible staff who combine great workshops with a good sense of humour to make the lessons really enjoyable and motivating!
I have chosen to pursue a career in Art & Design in the future and this has been greatly nurtured by staff in the Art Department who are always willing to help."

- Jamie Ashton

Mrs Sabery

saberyg@turton.uk.com

"The future belongs to young people with an education and the imagination to create." **- President Barack Obama**







"Having not studied graphic design at GCSE, I was uncertain that I would be able to catch up. However, with the excellent support from the teaching staff both in lessons and after college along with the constant stream of detailed feedback, I was able to produce a portfolio which played to my strengths.
I thoroughly enjoyed this course and how it offered a different learning environment from my other A-Levels"

Art & Design: Graphic Design

A-LEVEL

Why study Art & Design: Graphics?

Graphic Design will provide you with opportunities to develop a variety of approaches to visual communication. You will be taught how to respond to design briefs which will allow you to develop your skills in problem solving, through creative thinking and exploring the use of type and image.

The department is equipped with both digital and traditional facilities where you will be encouraged to explore a variety of different media, processes and techniques. Practical work will cover advertising, packaging design, design for print and illustration.
Our students are fully committed to the subject and are encouraged to spend free time in the Department in order to create a successful portfolio of work.

Where does it lead?

Many of our A-Level Graphic Design students are accepted onto university degree courses to study Advertising, Animation, Architecture, Fashion Communication & Marketing, Games Design, Graphic Design, Illustration, Interior Design or Visual Communication.
Other students have opted to study an Art Foundation Courses before specialising for a university degree course.

What does it go well with?

Graphic Design would complement most subjects. However, most of our students study other Art & Design A-Levels (Fine Art and/or Photography), English, Media Studies, Product Design and/or Business Studies.

Requirements

Graphic Design is a practical subject supported by a supplementary written element. Good time management and organisational skills and a commitment to produce work outside of lessons are essential. We would expect you to achieve at least a grade 5 in GCSE Art & Design and/or Graphic Design.

The Course

You will follow the AQA specification and study:

Year 12: Foundation Year

This will be an exploratory, experimental year which will allow you to develop your ideas through a series of different design briefs.

Component 1: Personal Investigation

This is a practical investigation into an idea, issue, concept or theme of your choosing. Your work will be supported by written material of 1000-3000 words.

Component 2: Externally Set Assignment

This is the practical examination that will consist of a preparatory period followed by 15 hours of unaided, supervised time.

Mr Oliveira

oliveiram@turton.uk.com

"Everything I learned in my life, I learned because I decided to try something new." **- David Lynch**



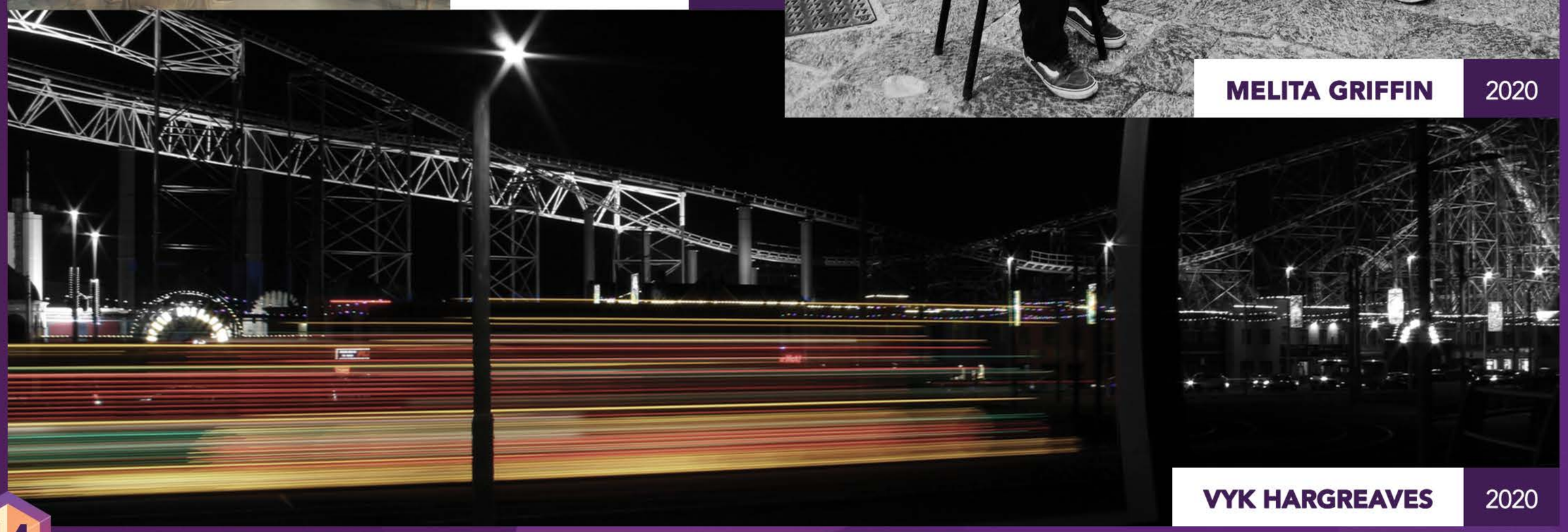
LUCY BALDWIN 2020



HAJER MERZA 2020



MELITA GRIFFIN 2020



VYK HARGREAVES 2020

Art & Design: Photography

A-LEVEL

Why study Art & Design: Photography?

Photography offers a broad, personalised curriculum in which you will explore and experiment with a variety of photographic media and processes. Our students predominantly work with digital imagery with flexible areas of study including: portraiture, landscape photography, still life, photojournalism and/or fashion photography. Our students are fully committed to the subject and are encouraged to spend free time in the Art & Design Department in order to create a successful portfolio of work.

Where does it lead?

Our A-Level Photography students are highly sought-after with the majority accepted directly onto University degree courses to study BA (Hons) Photography (including Commercial, Contemporary, Editorial and/or Fashion Photography).

What does it go well with?

Art & Design: Photography would complement most subjects. However, most of our students study other Art & Design A-Levels (Graphic Design, Fine Art and/or Textiles), Media Studies and/or Business Studies.

Requirements

Art & Design: Photography is predominantly a practical subject supported by a supplementary written element. We would expect you to achieve at least a grade 5 in GCSE Art & Design and/or Graphic Design.

The Course

You will follow the AQA specification and study:

Year 12: Foundation Year

This will be an exploratory, experimental year which will allow you to develop your ideas through personalised practical projects.

Component 1: Personal Investigation

This is a practical investigation into an idea, issue, concept or theme of your choosing. Your work will be supported by written material of 1000-3000 words.

Component 2: Externally Set Assignment

This is the practical examination that will consist of a preparatory period followed by 15 hours of unaided, supervised time.

Mrs Kearns

kearnsj@turton.uk.com

"In photography there is a reality so subtle that it becomes more real than reality." **- Ansel Adams**



CREATED BY **BETHANY JUBB**



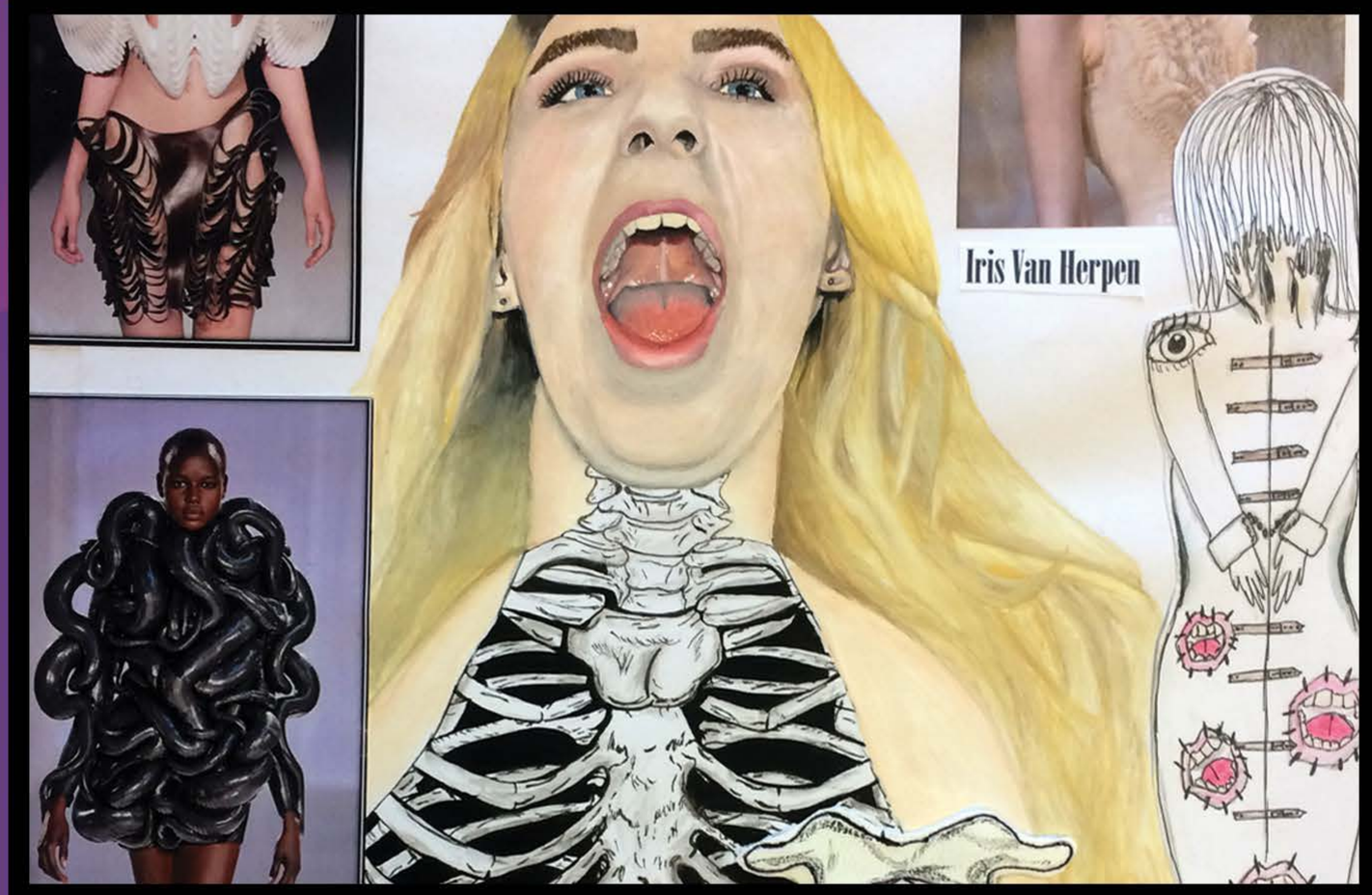
CREATED BY **CERYS JONES**



CREATED BY **BETHANY JUBB**

"Mrs Sabery has given me the utmost help, support and confidence throughout the course. She has pushed my skills forward in textiles. When struggling to push the project on I would turn to Miss and she would inspire me with her knowledge. Presentations were very useful. It helps to keep an eye on the work load and we can inspire and inform each other." - **Janey Cribbin**

Achieved a place at
Manchester Metropolitan University to study
the Art and Design Foundation Course



Art & Design: Textile Design

Why study Art & Design: Textile Design?

Art & Design: Textile Design offers a broad, personalised curriculum in which you will explore and experiment with a variety of artistic media and techniques. Our students work in both two and three-dimensions and through traditional and new technologies. If you have an interest in fashion design, costume design, surface pattern and/or interior design this course would be suitable for you. Students are fully committed to the subject and are encouraged to spend free time in the Art & Design Department in order to create a successful portfolio of work.

Where does it lead?

Our A-Level Art & Design: Textile Design students are highly sought-after with the majority choosing to continue their studies with a Foundation Diploma in Art and Design at either Blackburn College or Manchester Metropolitan University. Other students are accepted directly onto University degree courses to study Clothing & Textile Design, Fashion Design, Interior Design and/or Fashion Branding & Marketing.

What does it go well with?

Art & Design: Textile Design would complement most subjects. However, most of our students study other Art & Design A-Levels (Graphic Design and/or Photography), English, Business Studies and/or Design Technology: Textiles.

Requirements

Art & Design: Textile Design is predominantly a practical subject supported by a supplementary written element. We would expect you to achieve at least a grade 5 in GCSE Art & Design.

The Course

You will follow the AQA specification and study:

Year 12: Foundation Year

This will be an exploratory, experimental year which will allow you to develop your ideas through personalised practical projects.

Component 1: Personal Investigation

This is a practical investigation into an idea, issue, concept or theme of your choosing. Your work will be supported by written material of 1000-3000 words.

Component 2: Externally Set Assignment

This is the practical examination that will consist of a preparatory period followed by 15 hours of unaided, supervised time.

"We have been supported very well. Lots of feedback given on how to improve which is extremely helpful. Many nights after college have been used to finish and extend projects which helps a lot as lessons are short. Presentations helped me to develop my skills and ideas. This was very helpful when attending interviews as it was easier to discuss my current projects." - **Cerys Jones**

Achieved a place at the University of Huddersfield to study BA (Hons) Fashion Design

Mrs Sabery

saberyg@turton.uk.com

"Art enables us to find ourselves and lose ourselves at the same time." - **Thomas Merton**



ARRAN TRIP, SCOTLAND

Business Studies

Why study Business Studies?

This is a modern, dynamic course which encourages the practical application of business concepts by exploring events in the business world and relating these to business theories and practice.

Using extremely relevant subject content, Business Studies is one of only a few "live" subjects available - with fresh examples of both good (and poor!) practice emerging from the news almost daily. Business Studies prepares you for the world of work and how to cope with all the intricate decisions that businesses are faced with.

Where does it lead?

Our students go on to study a range of degrees and courses including Management Studies, Law, Marketing, Accounting and Finance.
Past students are now employed in the finance sector, marketing, retail management and pharmaceutical industry.

What does it go well with?

Business goes well with many different subjects across the sixth form. However, a lot of Business students tend to study: Economics, Geography, Mathematics and Social Sciences.

Requirements

Grade 5 in Business (if studied). English Language Grade 5 and Maths Grade 5.

"A-level Business Studies is a well-rounded subject that looks strong on any application. It's a very interesting and enjoyable subject which has given me a greater understanding of how a business is organised and operated." - **Joe Welsby**

The Course

A-LEVEL

You will follow the AQA specification and study:

- What is business?
- Managers, leadership and decision making.
- Decision making to improve marketing, operational, financial and human resource performance.
- Analysing the strategic vision of a business
- Choosing strategic direction
- Strategic methods: how to pursue strategies
- Managing strategic change

Paper 1:

Three compulsory sections:

Section A 15 multiple choice questions.

Section B has short answers up to a total of 35 marks.

Section C and D have two essay questions worth 25 marks each.

Paper 2:

Three data response questions worth approximately 33 marks each, made up of three or four part questions.

Paper 3:

One compulsory case study followed by six essay style questions.

There will be three two hour exams. Each worth 100 marks and representing 33.3% of the A Level.

Mr Barrow

barrowm@turton.uk.com

The Course

A-LEVEL

Economics

You will follow the Edexcel course and study:

Paper 1: Markets and market failure

This will include the economic problem, economic decision making, competition, the labour market and the distribution of wealth.

Section A: Data response questions requiring written answers - choice of one from two contexts worth 40 marks.

Section B: Essay questions requiring written answers, choice of one from three worth 40 marks.

Paper 2: National and International economy

This will include how the macro economy works, economic performance, monetary and fiscal policy, financial markets and the international economy.

Section A: Data response questions requiring written answers - choice of one from two contexts worth 40 marks.

Section B: Essay questions requiring written answers, choice of one from three worth 40 marks.

Paper 3: Economic principles and issues

This is a synoptic paper and will include topics from paper 1 and paper 2.

Section A: multiple choice questions worth 30 marks.

Section B: case study questions requiring written answers, worth 50 marks.

There will be three two hour exams. Each 100 marks and worth 33.3% of A Level.

Mr Barrow

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Why study Economics?

Economics is about the way in which households, communities and nations choose to allocate their scarce resources, and the problems that arise as a result of choices that are made.

You'll look at the fundamental forces which affect our lives, such as employment, prices, international trade and poverty. Economists are often in healthy debate with each other over these issues. It is this controversy which makes Economics lively and interesting and which allows you the opportunity to make your own judgements and form your own opinions.

Where does it lead?

Our students go on to study a range of degrees and courses including Economics, Mathematics, Management Studies, Accounting and Finance.
Past students are now employed in the finance sector, marketing, education, banking and actuary.

What does it go well with?

Economics goes well with many different subjects across the Sixth Form. However, a lot of Economics students tend to study: Business, Geography, Mathematics and Government and Politics

Requirements

Maths and English at grade 5. Business grade 5 (if studied). Plus a genuine interest in current affairs.

"Economics has given me a wider understanding about the world that we live in from a social and financial perspective." - **Fatima Patel**

"99 percent of all statistics only tell 49 percent of the story." - **Ron DeLegge II**

Computer Science

Why study Computer Science?

Computer Science is a practical subject where students can apply the academic principles learned in the classroom to real-world systems. It's an intensely creative subject that combines invention and excitement, and can look at the natural world through a digital prism.

Where does it lead?

The course leads on to the study of Computer Science or a Computing related degree at University.
It can also lead to work-based opportunities such as apprenticeships in the fields of software engineering, networking and systems analysis.

What does it go well with?

Maths, Physics

Requirements

GCSE Computer Science (5)
GCSE Maths (5)

"Studying computer science has allowed me to gain the knowledge on how to solve problems not only in terms of programming but in the real world."

"It is different to GCSE as I can create my own project in the second year in a programming language of my choice."

The Course

A-LEVEL

The aims of this qualification are to enable learners to develop:

- An understanding and ability to apply the fundamental principles and concepts of computer science, including: abstraction, decomposition, logic, algorithms and data representation.
- The ability to analyse problems in computational terms through practical experience of solving such problems, including writing programs to do so.
- The capacity to think creatively, innovatively, analytically, logically and critically.
- The capacity to see relationships between different aspects of computer science.
- Mathematical skills.

The subject content areas are:

- 1 - Fundamentals of programming
- 2 - Fundamentals of data structures
- 3 - Systematic approach to problem solving
- 4 - Theory of computation
- 5 - Fundamentals of data representation
- 6 - Fundamentals of computer systems
- 7 - Fundamentals of computer organisation and architecture
- 8 - Consequences of uses of computing
- 9 - Fundamentals of communication and networking

Mr Rifai

rifaim@turton.uk.com

"One of my most productive days was throwing away 1000 lines of code." **- Ken Thompson**

English Language

Why study English Language?

Have you ever wondered why toddlers sometimes refer to all animals as "doggie"? Did you know that men tend to use language differently to women? What does your choice of language say about you? Did you know that forensic linguistics has been used to catch serial killers? Are you interested in learning how language is used to manipulate the way people think about the world?

In English Language, you will investigate a variety of text types (interviews, speeches, blogs, articles) on a variety of different topics and from different periods of history. You will learn how people use language to interact, how language changes over time, how children acquire language. You will also have the opportunity to carry out an investigation in a topic area that interests you. Furthermore, there are creative elements to the course that will help you to hone your writing skills. All of this will entail a detailed study of vocabulary, grammar and syntax, taking into account a multitude of contextual factors.

Our results are in the top 25% nationally.

Where does it lead?

The analytical, independent and creative skills that you develop in English Language are highly regarded by employers. Past students have entered a wide range of careers such as law, acting, journalism, publishing, international diplomacy, teaching, speech and language therapy, and business.

What does it go well with?

Due to the nature of the subject, English Language fits well with most courses. It particularly complements Social Science subjects like Psychology, Sociology, History, Government and Politics.

Requirements

Minimum of a grade 6 in either English Language or English Literature and a minimum of a grade 5 in the other GCSE.

The Course

BTEC A-LEVEL

You will follow the WJEC course:

Paper 1 (30%): Language Concepts and Issues

You will compare and analyse two spoken language transcriptions. There is also a section in which you choose and answer one question from four possible topic areas: Standard and Non-Standard English; language and power; language and situation; and child language acquisition.

Paper 2 (30%): Language Change Over Time

In this paper, you will answer one multi-part question and one essay question analysing language change over time. There is then a section in which you answer a question based on the ways that language is used in the 21st century.

Paper 3 (20%): Creative and Critical Use of Language

In the final exam paper, you will craft two original writing responses and write an analytical commentary for one of those creations.

Non-exam assessment (20%): Language and Identity

You will submit a language investigation based on the study and research of a topic from one of the following areas: language and self-representation; language and gender; language and culture; or language diversity.

Mr Johnson

johnsond@turton.uk.com

"Language etches the grooves through which your thoughts must flow." - **Noam Chomsky**

English Literature

Why study English Literature?

This course offers you the opportunity to delve into a selection of novels, poetry and plays from the Middle Ages right through to present-day. By studying contemporary and traditional thought-provoking literature, you will explore both the texts themselves as well as received critical opinion surrounding them. Through a combination of class discussion, group activities and independent reading and research, you will analyse, evaluate and compare texts, taking into account their cultural and historical influences.

Our results are in the top 10% nationally.

Where does it lead?

English Literature is a facilitating subject, which means it is one of the subjects often required or preferred by universities to get on a range of degree courses. Taking English Literature at A Level would indicate that you have developed important skills such as analytical and critical thinking, wider reading and independent study, which are all required for courses such as Law, History, Politics, Journalism, Psychology and a range of other Humanity and Arts subjects.

What does it go well with?

English Literature will fit well with any subject. However, many of our students study the Social Science subjects (History, Govt and Politics, Psychology, Sociology, etc.) as well as the Art disciplines.

Requirements

Minimum of a grade 6 in either English Language or English Literature and a minimum of a grade 5 in the other GCSE.

The Course

A-LEVEL

You will follow the OCR course:

Component 1: (2½ hr exam): Drama and poetry pre-1900

This will include a Shakespeare play, a drama text and a poetry collection.

Component 2 (2½ hr exam): Comparative and contextual study

This section looks at two novels as well as unseen prose extracts from a genre area (e.g. American Literature, The Gothic, Dystopia, etc.)

Component 3 (Coursework): Literature post-1900

Task 1 will be the close analysis of a section of text (e.g. a novel)

Task 2 will be comparing two texts (e.g. a play and a poetry collection)

Mr Johnson

johnsond@turton.uk.com

"The purpose of literature is to turn blood into ink." **- T.S. Eliot**



SIXTH FORM RESULTS DAY



BREAST CANCER AWARENESS DAY



Creative Digital Media Production

Why study Creative Digital Media?

Media is a part of our everyday lives across the globe. We access media instantaneously through various platforms for a variety of reasons. Therefore, it is important to understand the messages that are conveyed through e-media, print and broadcast productions. Throughout, the course you will be able to analyse media texts and understand the impact they have on their audiences. In addition, you will be able to put your knowledge to the test by creating your own media product to a professional standard. The difference between BTEC and A Level Media is how students also develop adaptive, transferable and soft skills as well as technical, production and analytical skills; combinations of skills which prepare them well for the world of work.

Where does it lead?

Media can lead to an array of possibilities, including university study or professional work, in the fields of: English, Journalism, TV/Radio/Film production, Graphic Design, Game Development, marketing, Creative Media Technology, and Communications.

Due to the development of Media City, there are a many opportunities for Media Students to seek a career in any of the above areas around Greater Manchester.

What does it go well with?

Media will fit well with any subject. However, many of our students also study English Literature or English Language, Graphics, Photography, Business as well as humanities. Business is useful for those who are seeking a career in the media as a freelancer, so they are able to set up their own company or become self-employed.

Requirements

Media is not only an essay-based subject, it also includes the creation of a media product. However, you do need to write well, and therefore need at least a grade 5 in English Literature or English Language.

The Course

BTEC

You will follow the Edexcel L3 BTEC Extended Certificate in Creative Digital Media Production:

You will study the key concepts: Media Language, institution, genre, representation, audience, ideology and narrative.

You will analyse a variety of media products on different platforms: broadcasting, e-media and print.

You will apply your knowledge and skills in media products to the creation of your own 'professional' media product.

The extended certificate in BTEC L3 Creative Digital Media Production entails the teaching and learning of 4 units, 2 of which are external assessments. Please see below for further details.

UNIT 1 – Media Representations – The assessment for this unit is an online exam which is marked externally and takes place in January, and May each year.

UNIT 4 – Pre-production portfolio – The assessment for this unit is a folder of evidence relating to the assignment brief, and is marked internally.

UNIT 8 – Responding to a commission – The assessment for this unit is a controlled assessment which is marked externally.

UNIT 14 – Digital Magazine Production – The assessment for this unit is a folder of evidence relating to the assignment brief, and is marked internally.

The way in which the course is designed enables students to work independently and "at their own pace" yet still in accordance with specific deadlines.

Mrs Scott

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"The media's the most powerful entity on earth. They have the power to make the innocent guilty and to make the guilty innocent, and that's power. Because they control the minds of the masses." **- Malcolm X**

The Course

A-LEVEL

You will follow the AQA course of study which includes 7 units which have conservation, sustainability and scientific methods running through each.

Unit 1: The living environment

Unit 2: The physical environment

Unit 3: Energy resources

Unit 4: Pollution

Unit 5: Biological resources

Unit 6: Sustainability

Unit 7: Research methods

The A-Level course will be examined by means of two 3 hour test papers. There is no coursework but a requirement for a minimum 4 days spent doing fieldwork. Some of this will be carried out in the local environments and other fieldwork will take place on the Isle of Arran.

At AS Level there is a possibility to study the subject for one year and sit the AS exam. The teaching over the first year will be the same, with both AS and A Level students attending the same classes. However, the examination structure will be different with a single 3 hour paper in May or June.

"We really need to look after this planet (as if we have another one to go to). Environmental Science has taught me how that can be done." - **Ruby Horrobin**

Mr Searle

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Environmental Science

Why study Environmental Science?

The course starts by examining why life of earth has been able to evolve with such wide biodiversity but then goes on to look at the threats to that biodiversity and investigate new developments in conservation techniques – from habitat protection, to international treaties and the science underpinning these efforts.

There will be the chance to study the features, importance, threats to, and conservation of some of the world's diverse biomes. The course also investigates mineral and energy resources and their exploitation. This will be studied along with agriculture, aquaculture, fisheries and forest resource management.

Where does it lead?

When the government suggested scrapping A Level Environmental Science a few years back an outcry from universities forced a rapid rethink. This course is well respected and accepted as a science by all universities.

A career in environmental management, oceanography, zoology, energy management or the extractive industries is a possibility with Environmental Science.

What does it go well with?

Environmental Science can be used to supplement both Chemistry and Biology but is equally valued as a stand-alone science. It can be also studied alongside Geography.

Requirements

Environmental Science requires a broad range of skills in including Science, English and Maths. You will need at least a Grade 5 in each of these subjects.

"The Earth does not belong to us: we belong to the Earth." - **Marlee Matlin**

Geography

Why study Geography?

Geography at A Level allows you to deepen your knowledge of the world in which we live. We teach the dynamic processes of both physical and human geography which have shaped Earth. Over the two year course you will develop analytical skills, map work, numeracy and a clear understanding of how to think and write like a geographer. Students who take geography have a keen interest in current events and questioning minds which never stop wanting to know more about this fascinating planet.

Where does it lead?

This is a well-respected academic course, valued at the top universities, as a 'facilitating' subject. Many of our students go on to geography degrees as well as other areas. Within a geography degree there are many variations and areas of study such as environmental management, geology, biogeography, city planning, population change and sustainability.

Past students are now employed in education, the Environment Agency, town planning and further research at universities.

What does it go well with?

Geography will fit well with all subjects. However, many of our students also study History, Biology, English, Economics, Chemistry and Environmental Science.

Requirements

Geography is a content heavy subject. You therefore need a 5 in Geography at GCSE to have the prior knowledge and understanding to access the course at A-Level.

"Understanding the geography of health and disease helped illuminate the strengths and weaknesses of the UK response to the coronavirus pandemic." - **Josh Stewart**

The Course

A-LEVEL

You will follow the AQA course and study:

Unit 1: Physical Geography - Carbon & Water Cycles, Glaciated Landscapes and Ecosystems under Threat

Glacial landscapes includes warm and cold based glaciers and features of glacial and periglacial erosion and deposition. Carbon and Water Cycles includes studying these cycles through a 'systems approach and investigating their inter-relationships at a global, regional and local level. Ecosystems under threat will look at biogeography and investigate how climate, vegetation, wildlife and humans interact at a variety of scales.

Unit 2: Human Geography – Global Systems and Global Governance, Changing Places and Population and the Environment

These human units investigate many dynamic changes operating at a global scale and how these interact with our understanding of space and place, as well as explaining shifts in the global economy and global population trends.

Unit 3: Fieldwork investigation – an independently developed and presented fieldwork investigation will enable students to show their geographical understanding in an area of their own choosing

Field visit: at the end of Year 12, a five day visit to the Isle of Arran Scotland will allow students to study perceptions of a 'distant place' as well as deepen their understanding of glaciology and biogeography.

Mr Hier

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"Geography blended with time equals destiny." - **Joseph Brodsky**

The Course

A-LEVEL

You will follow the AQA course and study:

A. Paper 1 – Tsarist Russia 1855-1964

B. Paper 2 – The Making of Modern Britain 1951-2007

Each exam paper will be 2.5 hours long and will contain one compulsory source question and two essay questions from a choice of topics. Each paper is worth 40% of your final A level grade.

C. Non-Examined Assessment – The development of civil rights in USA

In addition to the two exam papers, you will also complete an extended essay of approximately 3500 words. This is worth 20% of your final A level grade.

"Studying History has allowed me to better understand the 21st century and to see what has shaped modern events."

- Ben Cartwright

Mr Tither

tithers@turton.uk.com

History

Why study History?

This course allows you to develop an in depth understanding of the recent history of three global superpowers. We examine the different events that shaped the nations of Russia, Britain and the USA. Studying History also develops your analytical, evaluative and comparative skills, as well as refining your style of written communication. History students are insightful, intelligent and articulate.

Results are fantastic and are consistently amongst the top performing departments in the country.

Where does it lead?

History is a facilitating subject that is well respected by top universities. It opens doors to many different career paths with our alumni studying a range of degrees and courses such as Humanities, Law, Medicine, Finance and Art.

Our students often go to the top Russell Group universities e.g. Oxford, Cambridge, LSE, UCL...

What does it go well with?

History is a facilitating subject so will fit well with any others. However, many of our students also study G&P, English, Economics and Social Sciences.

Requirements

Ideally you will have a 5 or higher at GCSE History. However, if you have not done History at GCSE it is possible to still take it at A level if you have a 6 or higher in English.

"History allows us to look at the past and see how it affects us now socially, politically and economically." **- Jacob Edgar**

"Those that fail to learn from history, are doomed to repeat it." **- Winston Churchill**

Philosophy, Religion and Ethics

Why study Philosophy, Religion and Ethics (Religious Studies)?

A-Level Philosophy, Religion and Ethics develops an understanding and appreciation of religious thought and its contribution to individuals, communities and societies and enables you to develop an enquiring, critical and reflective approach to your studies, philosophy and ethics.

The course is designed to encourage you to reflect on and develop your own values, opinions and attitudes in the light of your work and delve into the controversies that shape modern views of the world. You will learn in a friendly, academic and supportive environment.

Where does it lead?

This is an extremely well-respected and prestigious academic course, valued at all the top universities. Our students go on to study a range of degrees and courses including Philosophy, Religion, Law, Medicine and the Humanities.

Past students are now employed in education, NHS, civil service, charity work and law.

What does it go well with?

Philosophy, Ethics and Religion will fit well with any subject. Our students have always accompanied Philosophy with a wide range of subjects, some of which include Art, Government and Politics, Psychology and English.

Requirements

Philosophy, Ethics and Religion is an essay based subject. Therefore you need to develop a coherent essay writing style and need at least a 5 in English. GCSE Religious Studies (Full or Short Course) is desirable.

The Course

A-LEVEL

You will follow the edexcel course.

The course is split into three areas and you will study:

Paper 1: Philosophy of Religion

This is the philosophy paper where you will engage critically with a range of philosophical ideas such as arguments for the existence of God, critiques of religious belief, science and religion and life after death.

Paper 2: Religion and Ethics

This is the ethics paper where you will explore a range of ethical theories such as situation ethics, natural moral law and virtue ethics. You will also focus on the application of ethical ideas on topics such as sexual ethics, equality, war and peace and the environment.

Paper 3: Christianity

This is the religion paper where you will examine key Christian teachings, Christian morality, the nature of God, diversity within religious belief, challenges to religious belief and secularisation.

You will complete three exam papers, all of which are two hours.

Mrs Bailey

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"In just about every area of society, there's nothing more important than ethics." **- Henry Paulson**

GOVERNMENT & POLITICS TRIP TO LONDON

Government and Politics

Why study Government and Politics?

This course allows you to understand the UK system of government and our political environment. Our students become confident in explaining key political ideas and concepts. Over the two years you will develop your analysis and evaluation skills to confidently answer the written exam questions. Our students are keen, well read and become fully committed to the subject. Results are excellent and above the national average for this course.

Where does it lead?

This is a well-respected academic course, valued at the top universities. Our students go on to study a range of degrees and courses including Law, Journalism and the Humanities.

Past students are now employed in education, marketing, the civil service and the media.

What does it go well with?

Government and Politics will fit well with any subject. However, many of our students also study History, English, Economics and Social Sciences.

Requirements

Government and Politics is an essay based subject. You therefore need to write well and have gained at least a 5 in English.

"I wasn't sure about Governments and Politics initially but I am so glad I chose it. It makes you think and my essay writing has really improved" - **Alice McNamara**

The Course

A-LEVEL

You will follow the edexcel course and study:

Unit 1: UK Politics and Political ideas

This will include political participation, electoral systems and voting behaviour.

Unit 2: UK Government and Political ideas.

This will include parliament, the UK Supreme Court and Parliament.

Unit 3: US Government and Politics

This unit looks at the US system of government and politics. You compare and contrast the UK and US system.

There will be three two hour exams with some short answer questions and essay based questions.

"We learn lots in the lessons, you get lots of help and I know I have really improved over the two years." - **Sam Coughlan**

Mrs Bali

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"The philosophy of the school room in one generation will be the philosophy of government in the next." **- Abraham Lincoln**

The Course

A-LEVEL

You will follow the AQA course and study:

Paper 1:

Aspects of French society including the changing nature of the family and the impact of technology as well as the influence of artistic culture in the French-speaking world.

Paper 2:

A film (year 1) and a book (year 2).

Paper 3:

Oral discussion of a subtheme and presentation of individual research project.

There will be a two and a half hour exam with listening, reading and writing questions, a two hour essay question paper and a fifteen minute oral exam (with additional five minute preparation time).

Ms Lanoe

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French

Why study French?

The course aims to maximise use of foreign language, to be both enjoyable and intellectually stimulating; to enhance study skills; to research individual topics in depth, and develop a personal and independent response to them, and to develop an understanding of the language and its practical use. Linguistic skills are heavily sought after in the workplace and can give you a competitive edge.

Where does it lead?

Languages are a "facilitating" subject for the Russell Group universities. Past students are now employed in education, publishing, law and medicine.

What does it go well with?

French will fit well with any subject including another language. However, many of our students also study Spanish, History, English, Economics and Social Sciences.

Requirements

To gain entry to the course you will need a 7 in French and at least a 5 in English. But we will consider each student individually.

"Studying French at A-level allowed me to discover my passion for languages and culture. I believe that with greater cultural immersion comes a greater understanding of the world and an appreciation for diversity. Choosing French has also broadened my career options and employability, as I am about to start a six month work placement in Brussels for the European Commission of Electrotechnical Standardisation. This is something that would not have been available to me without my knowledge of French." - **Anna Rushmore** (former student)

"L'anglais n'est que du français mal prononcé." / "English is little more than badly pronounced French" - **Alexandre Dumas**

Spanish

Why study Spanish?

In terms of global importance Spanish is on the increase with more native speakers than English which equates to better job prospects for those that study it. Not only will Spanish students be improving their chances of being accepted to Russell group universities, but they will also be provided with the opportunity to broaden their horizons and develop an insight into a fascinating culture and society. Students will develop their language and grammatical understanding of the subject through a carefully selected curriculum delivered with an aim to promote independence and a love of languages.

Where does it lead?

Many pupils who continue onto university with a Spanish A level have the exciting and enhancing opportunity to study abroad as part of their degree. In professional terms Spanish speakers are invaluable to many industries and organisations including, but not limited to:
sport, cinema (dubbing films), interpreting for social services and working for government agencies including the royal army and the EU.

What does it go well with?

Spanish will fit well with any subject including another language. However, many of our students also study French, History, English, Economics and Social Sciences.

Requirements

Entry requires a 7 in Spanish and at least a 5 in English. But we will consider each student individually.

"Having the ability to speak Spanish makes me feel more comfortable when going abroad as I know there will be no language barriers. Studying Spanish at A level has also increased my knowledge of grammar which greatly improves my fluency."

- **Laura Austin** (former student)

The Course

A-LEVEL

You will follow the AQA course and study:

Paper 1:

Aspects of Hispanic society including the changing nature of the family and the impact of technology as well as the influence of artistic culture in the Hispanic world.

Paper 2:

A film (year 1) and a book (year 2).

Paper 3:

Oral discussion of a subtheme and presentation of individual research project.

There will be a two and a half hour exam with listening, reading and writing questions, a two hour essay question paper and a fifteen minute oral exam (with additional five minute preparation time).

"Studying Spanish is one of the most useful subjects at A level. Just last July I needed to translate for an English lady in a Spanish town where there were no English speakers. It is by far the most rewarding of subjects and you strengthen your language ability every lesson" - **Ben Cartwright** (former student)

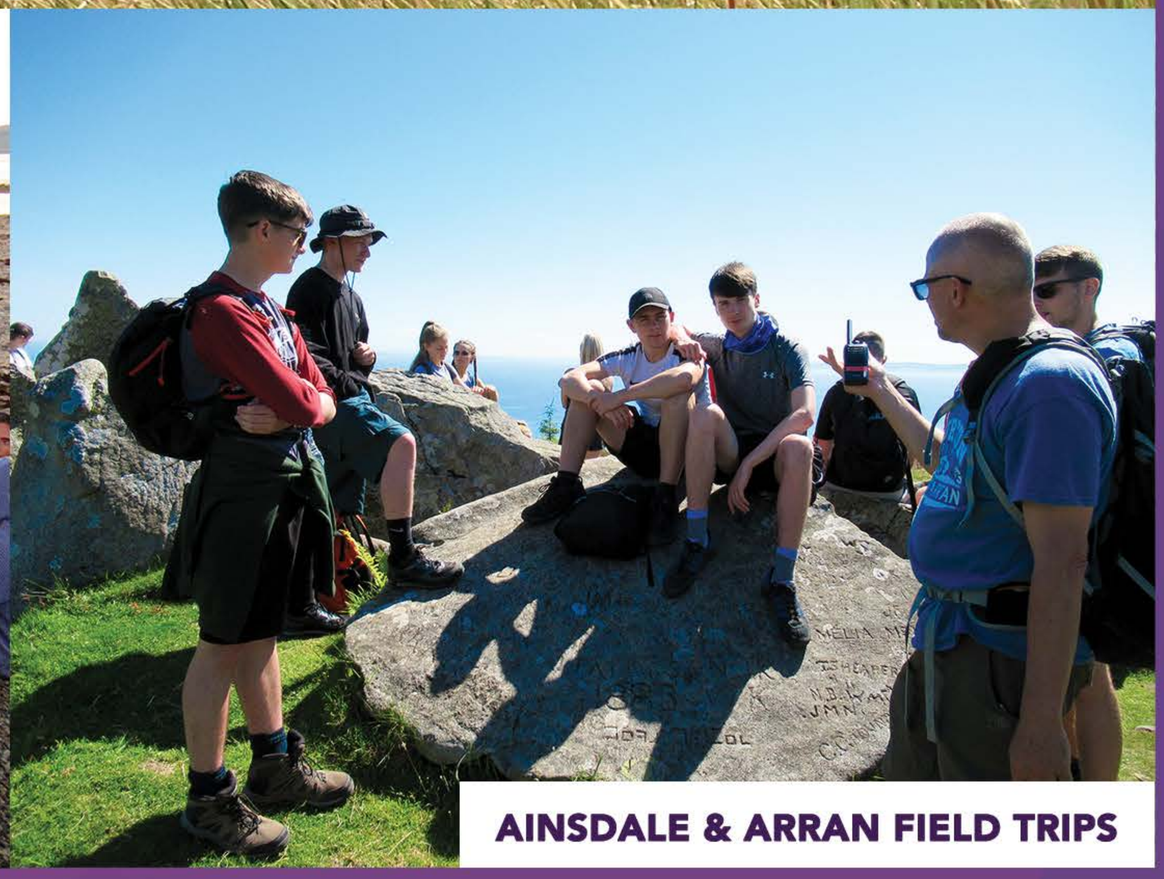
Miss Walker

walkers@turton.uk.com

"One language sets you in a corridor for life. Two languages open every door along the way." - **Frank Smith**







AINSDALE & ARRAN FIELD TRIPS

Biology

Why study Biology?

The Biology course considers applications which draw on many areas of Biology, and then moves onto the biological concepts underlying these applications.
Over the two years you will develop both analytical skills and a depth of knowledge that interweaves various units.
Our students are able to devise practicals and explain data using scientific ideas. They then will apply their vast knowledge to detailed longer biological questions.
We have a varied and exciting programme of study with an emphasis on practical skills, which allows us to visit Arran or Ainsdale to study field work and succession. We also visit Manchester University to complete Gel Electrophoresis.

The course follows the latest breakthroughs in science and the medical profession and this allows our students to develop a deep understanding of the scientific world around them.

Where does it lead?

As a highly respected academic course, Biology is valued at the top universities. Our students go on to study a range of degrees and courses including: Medicine, Dentistry, Pharmacy, Biomedical Sciences, Nursing, Environmental Sciences, Physiotherapy, Veterinary Science, Geographical Science, Psychology, Nutrition, Forensic Science, Optometry, Paramedics and many other areas.

What does it go well with?

Biology will fit well with Chemistry and Maths.
However, many of our students also study PE, Geography and Psychology.

Requirements

Biology is a practical subject that encompasses higher level reading, application and 15% maths content. Therefore you need to be able to write well and need at a 5 in English and Maths. Also 6, 6 in Trilogy Science or a 6 in Both Chemistry and Biology.

The Course

A-LEVEL

You will follow the AQA A-level Biology course and study 8 key core concepts:

AS:

Students study four of these topics in year 12.

1. Biological molecules
Proteins, carbohydrates, lipids and nucleic acids.

2. Cells
Cell structure, cell division in prokaryotic and eukaryotic cells.

3. Organisms exchange substances with their environment
Digestion, gas exchange, mass transport in both animals and plants.

4. Genetic information, variation and relationship between organisms
DNA structure, protein synthesis, genetic diversity and biodiversity.

A-Level:

In addition to the above units, students will study a further four topics in year 13.

5. Energy transfers in and between organisms
Photosynthesis, respiration, ecosystems and nutrient cycles

6. Organisms respond to changes in their internal and external environments
Homeostasis, muscles and nervous system

7. Genetics, populations, evolution and ecosystems
Inheritance and population

8. The control of gene expression
Gene technology and control of gene expression

There will be three two hour exams with 76 marks for short answer questions and 15 marks for extended questions. Paper 3 will also include one essay question worth 25 marks.

Mrs Kotwal

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"The potential for synthetic biology and biotechnology is vast; we all have an opportunity to create the future together." **- Ryan Bethencourt**

Chemistry

A-LEVEL

The Course

You will follow the AQA course and study:

Inorganic Chemistry:

Periodicity, groups 2 and 7 and the reactions of transition metals.

Organic Chemistry:

The key types of organic molecules, alkanes, alkenes, haloalkanes, alcohols, carbonyl compounds, amines and aromatics. Spectroscopic techniques and aspects of biochemistry are also covered.

Physical Chemistry:

Atomic structure, amount of substance, bonding, energetics, kinetics, equilibria, thermodynamics and electrochemical cells.

There will be three two hour exams with a mix of structured, longer and multiple choice questions. Practical content is examined as part of these examination papers.

There is also an option to do the AS examination in Chemistry at the end of Year 12.

Mr Smith

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Why study Chemistry?

Chemistry deals with the behaviour and development of materials and the atomic and molecular interpretation of the world around us. An understanding of Chemistry will allow us to tackle important global issues such as the environment and energy. The subject also plays a key role in the development of new technologies, bringing together fundamental aspects of fields such as Mathematics, Physics, Biology, Engineering and Geography.

Where does it lead?

Chemistry is an essential requirement for courses such as Medicine, Veterinary Science, Dentistry and Pharmacy. However, the high level of transferrable skills makes it a well-respected qualification, offering a clear indication of academic ability, which is highly valued by the top universities and potential employers.

What does it go well with?

Fits well with other science subjects like Biology and Physics, as well as Maths and Geography.

Requirements

At least a 6 in Chemistry as a separate science, or a 6 in double award science.

There is a high mathematical content in the course, so a good GCSE in Maths is also recommended.

"It's a fun environment but we always have a productive lesson. We do lots of practical work, but balance this with discussion and exam style questions." - **Robyn**

"Chemistry must become the astronomy of the molecular world." - **Alfred Werner**

Physics

Why study Physics?

Physics is crucial to understanding the world around us, the world inside us, and the world beyond us. It is the most basic and fundamental science. Physics challenges our imaginations and it leads to great discoveries that change our lives.

Physics encompasses the study of the universe from the largest galaxies to the smallest subatomic particles. Physics also underlies many new technologies. Mobile phones, the Internet, and MRIs are only a few examples of the physics-based technological developments that have revolutionised our world.

Where does it lead?

A physics education prepares a person to work in many different and interesting places - in industry, medicine or for the government. Past students have chosen to work in computing, finance and engineering - places where their problem-solving abilities and analytical skills are great assets.

What does it go well with?

Physics will fit well with any subject but A level Maths is highly recommended.

Requirements

At least a 6 in Physics as a separate science, or a 6 in double award science.

Grade 6 in Maths is necessary; it is preferable that A-Level Maths is also taken.

"I love physics and the study of theoretical physics and cosmology. There is nothing like doing very long difficult scientific equations." - Jack Farnworth

The Course

A-LEVEL

You will follow the AQA course and study:

The following are the topics covered in each year:

- Measurements and their errors
- Particles and radiation
- Electromagnetic radiation
- Quantum phenomena
- Waves
- Mechanics and energy
- Electricity
- Further mechanics and thermal physics
- Fields
- Nuclear physics

Plus one option from the following:

- Astrophysics
- Medical physics
- Engineering physics
- Turning points in physics
- Electronics

Throughout the course you will carry out required practical activities which will be assessed in the final exams.

Mr Kaniuka

kaniukaj@turton.uk.com

"It's not magic! It's physics. The speed of the turn is what keeps you upright. It's like a spinning top." **- Deborah Bull**

Mathematics

A-LEVEL

The Course

You will follow the Edexcel course.

During this course, you will learn to extend your knowledge of algebra and geometry from GCSE. Areas which you will cover include:

- Coordinate geometry, sequences and series, functions, proof, exponentials, logarithms, trigonometry, differentiation, integration and vectors.

In addition you will explore the ways in which mathematics can be applied in the real world through the study of Statistics and Mechanics.

- In Statistics you will look at sampling, presenting and interpreting data, probability, statistical distributions and hypothesis testing.

- In Mechanics you will be introduced to mathematical modelling of everyday experiences by studying quantities and units, kinematics, forces, Newton's laws of motion and moments.

There will be three two hour exams, two on the pure maths content and one on the applied content.

"You should chose maths as it opens many doors and is an essential skill that you'll use in later life. It's fun and you can do so much with it." - **Charlotte Jackson**

Miss Jackson

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Why study Mathematics?

Mathematics is a versatile qualification which is well-respected by employers and is a facilitating subject for entry to higher education. By studying Mathematics students become better at thinking logically and analytically. Through solving problems you will develop resilience and the ability to think creatively and strategically.

Where does it lead?

This is a well-respected academic course, valued at the top universities. Our students go on to study a wide range of degrees and courses including Medicine, Engineering, Computer Science, Accountancy, Law, Mathematics and many more.

What does it go well with?

Mathematics fits well with any other subject. The mathematical skills you learn are of great benefit in other A level subjects such as Physics, Chemistry, Biology, Computing, Geography, Psychology, Economics and Business Studies. However many of our students chose the subject as a contrast to subjects such as English and History.

Requirements

You will need to have achieved a grade 6 or above in GCSE Mathematics.

"I chose maths because I love numbers and problem solving, but since starting the course I have learned to love new areas of maths and can now look forward to extending my knowledge of these at university." - **Jake Smith**

"Pure mathematics is, in its way, the poetry of logical ideas." - **Alfred Einstein**

Further Mathematics

Why study Further Mathematics?

Further Mathematics is taken alongside A level Mathematics; it broadens and deepens the mathematics studied in the single maths course.

Students taking Further Mathematics overwhelmingly find it to be an enjoyable, rewarding, stimulating and empowering experience. It is a challenging qualification, which both extends and deepens your knowledge and understanding beyond the standard A level Mathematics. Students who take Further Mathematics find that the additional time spent studying mathematics boosts their marks in single A level Mathematics.

If you are planning to take a degree such as Engineering, Sciences, Computing, Finance/Economics, etc., or perhaps Mathematics itself, you will benefit enormously from taking Further Mathematics, at least to AS level. AS Further Mathematics introduces new topics such as matrices and complex numbers that are vital in many STEM degrees.

Where does it lead?

This is a well-respected academic course, valued at the top universities. Our students go on to study degrees in Mathematics, Engineering, Computer science, Physics.

What does it go well with?

Students who study Mathematics and Further Mathematics tend to pair them with subjects such as Physics, Chemistry, Biology, Computer Science, Business Studies, Economics and Psychology. We advise students to study Further Mathematics as a fourth subject.

Requirements

You will need to have achieved a grade 7 or above in GCSE Mathematics and have a real interest in the subject.

The Course

A-LEVEL

You will follow the Edexcel course.

During this course, you will extend your knowledge of Pure and Applied mathematics. Areas which you will cover include:

- Complex numbers, matrices, further algebra and functions, further calculus, further vectors, polar coordinates, hyperbolic functions and differential equations.

- Poisson and binomial distributions, hypothesis testing, central limit theorem, chi squared tests, probability generating functions.

- Momentum and impulse, work and energy, elastic springs and strings, elastic collisions in one and two dimensions.

There will be four exams, each lasting one and a half hours. Two exams will cover Pure content and two Applied content.

"It gives you a wider understanding of maths." - Mohammed Adam

"Further Maths gives you the ability to study maths in more detail and challenge yourself. It's a great way to broaden your options if you're thinking about a career which is mathematical or requires you to problem solve." - Daisy Bali

"To me, mathematics, computer science, and the arts are insanely related. They're all creative expressions." **- Sebastian Thrun**

The Course

A-LEVEL

You will follow the AQA course and study:

Year 1:

- Social influence
- Memory
- Attachment
- Psychopathology
- Approaches in Psychology
- Biopsychology
- Research methods
- Issues and debates in Psychology

Year 2:

- Relationships
- Schizophrenia
- Aggression

"Psychology is a really interesting subject which allows you to understand and empathise with individuals suffering from mental health issues. The subject is more complex than you think, although the teaching styles helps students who may be struggling." - **Natasha Robinson**

Miss Wright

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"The brain is wider than the sky." - **Emily Dickinson**

Psychology

Why study Psychology?

Psychology is a fascinating subject that allows students to consider mental health from a variety of perspectives. You will study the key approaches to psychology, including social, cognitive, developmental and biological in your first year then apply these to specific areas, such as schizophrenia, aggression and gender. The subject complements a variety of other A-levels, and the skills that you will develop can be used to support your learning in other areas.

Where does it lead?

This is a well-respected academic course, valued at the top universities. We have many students who apply to study psychology at degree level, and some who opt for an apprenticeship in areas such as accountancy and more recently, I.T. The subject also lends itself to a variety of careers, such as Law, nursing, medicine, marketing and teaching.

What does it go well with?

Psychology complements many other subject areas, such as Sociology, Biology, P.E and Mathematics.

Requirements

You will need a least a 6 in English, 6 in Biology, 6/5 in Trilogy Science and a 5 in Maths to study psychology at A-level.

"I enjoy psychology as it covers a variety of different topics from the development of phobias to the effects of early attachments on future relationships which are all relevant to everyday life and broaden my understanding of myself and those around me." - **Abbie, Year 12**

Sociology

Why study Sociology?

Sociology is the study of society. We cover a variety of topics that are relatable to the individual, such as the family, education, religion and crime. A key part of A-level sociology is the ideas of key theoretical perspectives, such as Marxists, functionalists and feminists who have different views of how society impacts both individuals and groups in society. Part of the course will involve further reading, essay writing and student presentations.

Where does it lead?

This is a well-respected academic course, valued at the top universities. Students often combine sociology with another subject, such as criminology or psychology or choose a single honours course. Students who have completed their degree now work in a variety of sectors, such as the legal sector, the police, teaching and social work.

What does it go well with?

Sociology complements many subjects, including English, Psychology, Government and Politics, Geography, History and Business Studies.

Requirements

Sociology is an essay based subject so you need at least a 5 in English.

"I chose A-level Sociology as I enjoyed it at GCSE. The teachers are lovely and supportive and they always make lessons interesting." - Georgia Harper

"I think Sociology is a subject that everyone should have to take because it's important to understand the inequalities in society which are more prevalent than most people think." - Natasha Robinson

The Course

A-LEVEL

You will follow the AQA course and study:

Year 1:

- Education
- Methods in Context
- Research Methods
- Families and Households

Year 2:

- Crime and Deviance with theory and methods
- Beliefs in society

"I chose Sociology at A-level because it gives you an insight into different aspects of society. It is enjoyable, particularly the debates and discussions. It's also interesting to learn about theoretical perspectives, such as Marxism and feminism. The teachers are incredible and very understanding, they work through each topics thoroughly and we work together as a class to help and support one another with the understanding of more complex issues." - Mairead Williams

"The function of sociology, as of every science, is to reveal that which is hidden." **- Pierre Bourdieu**

Criminology

AS/A2

The Course

You will follow the AQA course and study:

Year 1:

Unit 1 – Changing awareness of crime

This involves students researching campaigns that have made a significant change in policy and law making. The purpose of this unit is for learners to plan a campaign relating to a crime. Students will then sit a controlled assessment. This is worth 25% of the final mark.

Unit 2 – Criminological theories

This is an external examination and looks at the difference between criminal and deviant behaviour, different theoretical perspectives and how policy has been influenced by these theories. For example, Sociological and Psychological theory. This is worth 25% of the final mark.

Year 2:

Unit 3 – Crime scene to courtroom

This looks at the process of the criminal justice system and how this translates in the courtroom. Students will develop the understanding and skills needed to examine information in order to review the justice of verdicts in criminal cases. This is a controlled assessment and worth 25% of the final mark.

Miss Wright

wrighti@turton.uk.com

Why study Criminology?

The Criminology course is suitable for anyone who has an interest in why people may commit certain crimes. A significant part of the course involves looking at social, economic and psychological causes of crime. Sociology and Psychology underpin this subject and students will be asked to consider the argument from nature versus nurture throughout the course.

Moreover, the course allows students to complete both internal and external assessments, which provides opportunities for all learners. Preparation for the controlled, internal assessment involves students making detailed notes to dedication to the subject is required.

What does it go well with?

Criminology naturally complements all other Social Science subjects, for example Sociology and Psychology and to some extent Humanities and English. However; it would also complement most other subjects. Students who have taken criminology so far, have also studied a variety of subjects including Environmental Science and English Literature.

Requirements

To take Criminology in Y12, we ask that students achieve generally good GCSE grades, but specifically a 5 in both English Literature and Language.

Physical Education

Why study Further Physical Education?

Have you ever wondered...

Why some people can run faster than others?

How your personality affects your performance?

How you could become an elite sports performer?

Why people take performance enhancing drugs?

How technology can help you improve performance?

How understanding psychology can affect an individual's performance.

Where does it lead?

Sports science
PE teacher
Physiotherapist
Professional sportsperson
Sports coach/consultant
Sports policy at local and national level
Diet and fitness instructor
Journalist
Commentator
Personal trainer

A Level Physical Education is an excellent base for a university degree in sports science, sports management, healthcare, or exercise and health. Physical Education can also complement further study in biology, human biology, physics, psychology, nutrition, sociology and many more.

The transferable skills you learn through your study of Physical Education, such as decision making and independent thinking are also useful in any career path you choose to take.

What does it go well with?

Biology and Psychology

Requirements

A '6' in PE, Biology and Science Double award.
You must also be participating in one sport competitively.

The Course

A-LEVEL

You will follow the OCR course and study:

Studying A Level Physical Education will give you a fantastic insight into the amazing world of sports performance. Not only will you have the chance to perform or coach a sport through the non-exam assessment component, you will also develop a wide ranging knowledge into the how and why of physical activity and sport.

The combination of physical performance and academic challenge provides an exciting opportunity for students. You can perform, and then through the academic study improve your performance or coaching though application of the theory.

Physical Education is studied though a range of different contexts and the impact it has on both ours and other's everyday lives. You will learn the reasons why we do things, and why some people out perform others, mentally and physically. You will also delve into the ethical considerations behind the use of drugs and also the influence that modern technology is having in and on physical activity and sport.

This course is suited to students who have a genuine interest in sporting excellence and the science behind it. The 2 year course covers 7 theoretical units per year and 1 personal sporting performance. Units include Psychology, Anatomy and Physiology, Socio Cultural issues, Exercise Physiology, Biomechanics, and Technology of Sport and Skill Acquisition.

The course is 70% theory and 30% practical over two years. The course is extremely demanding both practically and theoretically; therefore students MUST be competitively taking part in a sport/activity outside of college.

Miss Young

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"Intelligence and skill can only function at the peak of their capacity when the body is healthy and strong." **- John F. Kennedy**

The Course

A-LEVEL

You will follow the AQA course and study:

Technical Principals:
- Materials and their applications
- Performance and characteristics of material
- Methods of joining and use of components
- The use of finishes
- Enhancement of materials
- Modern industrial and commercial practice
- Digital design and manufacture
- The requirements for textile and fashion design and development
- Health and safety
- Design for manufacturing, maintenance, repair and disposal
- Feasibility studies
- Enterprise and marketing in the development of products
- Design communication

Designing and making principals:
- Design methods and processes
- Design theory
- How technology and cultural changes can impact on the work of designers
- Design processes
- Critical analysis and evaluation
- Selecting appropriate tools, equipment and processes
- Accuracy in design and manufacture
- Responsible design
- Design for manufacture and project management
- National and international standards in product design

There will be two exams with a mixture of short answer, multiple choice and extended responses.

Paper 1 (2.5hrs): core technical principles (30% of final mark).
Paper 2 (1.5hrs): Designing and making principles (20% of final mark).

Non-exam assessment: consists of a design and make activity of your choosing for a client. (50% of final mark)

Mrs Murphy

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"I don't do fashion. I am fashion" - **Coco Chanel**

Fashion & Textiles

Why study Fashion and Textiles?

This course will develop your understanding of the core technical knowledge, designing and making principals. Over the course you will explore, design, create and evaluate innovative solutions in response to realistic design contexts.

You will develop an intellectual curiosity about design and manufactured products.

Our students are enthusiastic, well read and become fully committed to the subject. Results are excellent and above the national average for this course.

Where does it lead?

This is a well-respected course, valued at the top design universities. Our students go on to study a range of degrees and courses including Fashion Design, Marketing, and Retail & Manufacturing.

Past students are now employed in education, marketing, retail, manufacturing, design houses and the media.

What does it go well with?

Fashion & Textiles will fit well with any subject. However, many of our students also study Art and Business Studies.

Requirements

A Technology, Art, Graphics at GCSE or Technical award at a grade 6. English & Maths grade 5.

"Doing Textiles gave me a solid foundation of knowledge about everything from how fabrics are constructed and how they work, to the history of the world's greatest designers. Without this base of knowledge I wouldn't be where I am today, about to relocate to Paris to work for Chanel after completing my degree in fashion design" - Kate Clark

Product Design

Why study Product Design?

Design and Technology makes a unique contribution to the development of young people by preparing them to participate in, think about and to intervene creatively to improve the quality of tomorrow's rapidly changing technologies.

AQA's new GCE specification in Product Design provides candidates with exciting opportunities to develop their capabilities through combining their designing and making skills with knowledge and understanding, creating quality outcomes and becoming informed users of products.

Our students are enthusiastic, well read and become fully committed to the subject. Results are excellent and above the national average for this course.

Where does it lead?

This is a well-respected course, valued at the top design universities. Our students go on to study a range of degrees and courses including Fashion Design, Marketing, Retail & Manufacturing, Product Design, Architecture and a wide range of Engineering routes.

Past students are now employed in education, marketing, retail, manufacturing, design houses and the media.

What does it go well with?

Product Design will fit well with any subject. However, many of our students also study Science, Maths, Art and Graphics.

Requirements

A Technology, Art, Graphics at GCSE or Technical award at a grade 6. English, Maths & Science at grade 5.

"As a subject Product Design allows you to experiment a lot more with ideas, see what works and what doesn't, use the tools available to create what you want." - Will Holt

The Course

A-LEVEL

You will follow the AQA course and study:

Technical principles:
- Materials and their applications
- The requirements for Product Design, development and manufacture
- Design communication
- Digital design and manufacture
- Efficient use of materials
- Health and safety

Designing and making principles:
- Design methods and processes
- Design theory
- How technology and cultural changes can impact on the work of designers
- Design processes
- Critical analysis and evaluation
- Selecting appropriate specialist tools, techniques and processes
- Accuracy in design and manufacture
- How to evaluate products taking account the views of potential users
- Responsible design
- The characteristics and working properties of materials
- Performance characteristics of materials
- The use of adhesives and fixings
- The use of surface finishes and coatings
- Forming, redistribution and addition processes

There will be two exams with a mixture of short answer, multiple choice and extended responses.

Paper 1 (2.5hrs): core technical principles (30% of final mark).
Paper 2 (1.5hrs): Designing and making principles (20% of final mark).

Non-exam assessment: consists of a design and make activity of your choosing for a client. (50% of final mark)

Miss Clare

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The Course

A-LEVEL

Dance

You will follow the AQA course and study:

Component 1 Performance and Choreography:

This will include a solo performance linked to a specified practitioner within an area of study. This unit also includes performance in a quartet and group choreography.

Component 2 Critical appreciation:

Knowledge, understanding and critical appreciation of two set works:

One compulsory set work (Rooster by Christopher Bruce) within the compulsory area of study (Rambert Dance Company) and one optional set work (Singin' in the Rain by Gene Kelly) within the corresponding area of study (American Jazz).

There will be a practical exam and a two and a half hour written exam with some short answer and essay based questions.

"Every lesson I learned something new. A-level Dance is enjoyable and fun but also drives you to be a better more positive person." - Megan Slater

Mrs Atkinson

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Why study Dance?

This course looks at dance as art and involves the study of performance, choreography, dance appreciation, history and analysis. You will be involved in both practical and theory based lessons in order to develop both your practical dance skills and your theoretical skills. You will also benefit from workshops with professional artists as well as trips to the theatre to see professional performers in action.

Results are excellent and above the national average for this course.

Where does it lead?

This subject will provide you with a solid foundation of critical and analytical skills which will complement studies in a range of degrees and courses including Dance, Performing Arts, Nursing, Midwifery, Business Studies, Marketing, Criminology, Physiotherapy and the Humanities. Past students are now employed in education, marketing, the civil service and the media.
Former students have continued their studies in the subject at institutions such as Trinity Laban Conservatoire of Music and Dance, Northern School of Contemporary Dance, Northern Ballet School, De Montfort University, University of Central Lancashire, Roehampton University and Middlesex University.

What does it go well with?

Dance will fit well with any subject. Previously, students have also studied English, Biology, Photography, Spanish, Media, Theatre Studies, Music, History, G&P and Social Sciences.

Requirements

Dance is a practical, creative and essay based subject. You will therefore need to write fluently and have gained at least a 5 in English.
You will also need at least a 5 in Dance or PE GCSE. The ability to work independently is essential alongside a commitment to attend regular rehearsals.

"Dance is the hidden language of the soul" - **Martha Graham**

Music

Why study Music?

This course covers skills from all the various musical disciplines. It covers a great range of material, some of which is dictated by the pupils' own choices and specialisms. The study of a classical music module is a fixed requirement but other modules can be tailored to suit specific groups and individuals. The course is very varied so each unit requires a very different approach in class which means that for some lessons you might be on your feet performing music while in others you will be making analytical notes.

Where does it lead?

A Level Music requires students to be multi-skilled across a variety of disciplines. Some elements are very practical, some very academic, while others rely on creativity.
As a result the subject develops a wide range of skills which can be used in many other applications.
Past students have eventually become teachers, professional musicians, engineers, administrators, lawyers …… well all sorts really!

What does it go well with?

While music is an arts subject it combines well with many other subjects. Many have found the harmony-based work connects quite well to Maths, the performance work to Theatre Studies or Dance, the composition to Art or Graphics and the set work material to History, English or Politics.

Requirements

Preferably at least a 6 or above in GCSE Music. A Level music involves listening skills and written work as well as composition and performance, so you must be comfortable with written work at this level.

"Being able to use a skill like drumming (that I enjoyed so much anyway) as part of my course was a great feeling" - Nick Taylor

The Course

A-LEVEL

You will follow the AQA course and study:

Unit 1: Appraising Music (40%)

This involves listening and aural skills and the study of set periods and set works leading to a final 2.5hr exam.

Unit 2: Performance (35%)

Here you will perform a 10 minute+ programme of solo or ensemble music (standard c Grade 6+)

Unit 3: Composition (25%)

You must create 2 compositions (one to a set brief) with a minimum playing time of 4.5 minutes. One of the possible briefs will be 2 harmony exercises.

Assessment:

Performance recordings and composition coursework are marked externally. Unit 1 leads to a 2.5hr exam.

"I loved the variety in music. One lesson we'd be writing in the style of Bach, the next creating our own piece for Jazz Band and then studying a piece by the Beatles" - Alice Finn

Mr Parkinson

parkinsonj@turton.uk.com

"Music expresses that which cannot be said and on which it is impossible to be silent." **- Victor Hugo**



Drama and Theatre Studies

Why study Drama and Theatre Studies?

We want students to have an inspiring experience of A-level Drama and Theatre and this qualification emphasises practical creativity alongside research and theoretical understanding.

Students learn through experience, seeing theatre and making it for themselves. Students are introduced to a wide range of theatrical styles and contexts as they explore plays practically, devise, and work on performances.

Students develop skills that are not just essential for drama but applicable to a wide range of higher education subjects and in the workplace. The course refines students' collaborative skills, their analytical thinking and their approach to research.

Students grow in confidence and maturity as they successfully realise their own ideas. They learn to evaluate objectively and develop a sound appreciation of the influences that cultural and social contexts can have on decision making.

Where does it lead?

This is a well-respected academic course, valued at the top universities. Our students go on to study a range of degrees and courses including Theatre, Law, Journalism and the Humanities.
Past students are now employed in theatre, marketing, medicine, education, the civil service and the media.

What does it go well with?

Drama and Theatre Studies will fit well with any subject; however, many of our students also study English, Psychology, Sociology and Media Studies.

Requirements

At least a grade 6 in GCSE Drama and Theatre Studies (if studied). This is an essay based subject as well as being highly practical. You will, therefore, need to write well and need at least a 5 in English.

The Course

A-LEVEL

You will follow the AQA course and study:

Unit 1: Drama and Theatre

The theatrical processes and practices involved in interpreting and performing theatre.

How conventions, forms and techniques are used in drama and live theatre to create meaning.

How creative and artistic choices influence how meaning is communicated to an audience.

Assessment: Written exam (2 set texts) 3 hours.

Unit 2: Creating original Drama

Students must learn how to create and develop original devised ideas to communicate meaning as part of the theatre making process.

Students must also study for this component the work and methodology of one influential theatre practitioner chosen from the list of prescribed practitioners.

Assessment: Devised performance + working notebook

Unit 3: Making Theatre

Students must learn how to contribute to text-based drama in a live theatre context for an audience as a performer, designer or technician.

Ms Bimpson

bimpsonj@turton.uk.com

"Movies will make you famous; Television will make you rich; But theatre will make you good." **- Terrence Mann**

BTEC Level 3 (Extended) Certificate in Health and Social Care

Health and Social Care

Why study Health and Social Care?

This course will develop a deep common core of knowledge, understanding and skills in the sector.

Your employability skills will be developed through problem solving, intrapersonal and interpersonal skills, with work experience giving you real activities. You will also develop your transferrable skills; working independently, learning how to research, give presentations and work in a group amongst a few.

We are also running the extended certificate course which is the equivalent to 1 a level - it contains 4 units over two years, two of which are an external examination.

Where does it lead?

This is a well-respected course, valued at the top universities. This will give you opportunities to choose health study pathways in health care.

This can lead you to:

- Bsc (Hons) in Nursing
- Bsc (Hons) in Physiotherapy
- BA (Hons) in Social work
- Bsc (Hons) in Occupational Therapy
- Bsc (Hons) in Speech Therapy
- BA (Hons) in Health and Social Care
- Health science pathways
- Radiography
- Midwifery and nursing
- Paramedic service
- NHS Practitioner Training Programme

What does it go well with?

The National Extended Certificate is the equivalent of one A-Level and links with Psychology, PE, Science and Sociology. If you are planning a career in a medical route you would need to take a science alongside this qualification.

Requirements

Level 2 in Social Care (if studied) as well as GCSE English, Maths & Science Grade 5.

The Course

BTEC

Unit 1: Human Lifespan – externally examined 1.5hrs. You will cover physical, intellectual, emotional and social development across human lifespan.

Unit 2: Working in Health & Social Care – externally examined 1.5 hrs. You will explore what it is like to work in the H & S care sector, including the roles and responsibilities of workers and organisations.

Unit 5: Meeting Individual Care and Support Needs. You will look at the principals and practicalities that underpin meeting individuals' care and support needs.

Unit 14: Physiological Disorders and their Care. You will explore types of physiological disorders, procedures for diagnosis and treatment.

During the last week of summer term all Health and Social Care students are required to go on a work experience organised by the Health and Social Care team at Turton. This enables the students to put into practice their theory which they have learnt during year 1. Additionally, this will provide the knowledege to enhance their theory as a practitioner, practical experience and confidence for year 2 of the course.

When applying to universities the focused work experience is a vital asset for your application and discussions during your interview.

Mrs Murphy

murphys@turton.uk.com

"It is health that is real wealth and not pieces of gold and silver." - **Mahatma Gandhi**

BTEC Level 3 (Extended) Certificate in Information Technology

Information Technology

Why study ICT?

Today's BTEC Nationals are demanding, as you would expect of the most respected applied learning qualification in the UK.

You will have to complete a range of units, be organised, take some assessments that we will set and mark, and keep a portfolio of your assignments. But you can feel proud to achieve a BTEC because, whatever your plans in life – whether you decide to study further, go on to work or an apprenticeship, or set up your own business – your BTEC National will be your passport to success in the next stage of your life.

Where does it lead?

Leads to either studying an IT/Multimedia related degree at University or going on to do an apprenticeship in the IT field.

The course will also equip you with skills you can use and develop further in the workplace.

What does it go well with?

A-Level Computer Science and BTEC Business.

Requirements

ICT at grade 5 (if studied) and
English Language at Grade 4

"BTEC IT prepares me for life in the workplace. I would like to work as a Social Media manager for a company and the BTEC Unit 3 that we do is all about how companies can use social media to maximise the brand. I am enjoying the mix of assignments and theory so far!"

The Course

BTEC

You will follow the Pearson Edexcel course and study:

Unit 1: Information Technology Systems

Learners study the role of computer systems and the implications of their use in personal and professional situations.

Unit 2: Creating Systems to Manage Information

Learners study the design, creation, testing and evaluation of a relational database system to manage information.

Unit 3: Using Social Media in Business

Learners explore how businesses use social media to promote their products and services. Learners also implement social media activities in a business to meet requirements.

Unit 6: Website Development

Learners investigate website development principles. They will design and develop a website using scripting languages.

Mr Rifai

rifaim@turton.uk.com

"Any sufficiently advanced technology is equivalent to magic." **- Arthur C. Clarke**

BTEC National Extended Certificate in Business

Business Studies

BTEC

The Course

You will follow the Pearson Edexcel course and have the option to study:

National Extended Certificate in Business

This is equivalent in size to 1 A level. Students are required to complete 4 units including 3 compulsory units and 1 optional unit. The Extended Certificate is for learners wishing to take the course alongside another area of complementary study, as part of a two-year, fulltime study programme.

National Diploma in Business

This is equivalent in size to two A-Levels. Students are required to complete 8 units of work which includes 6 compulsory units and 2 optional units. This qualification allows learners to give breadth to their study programme by choosing a contrasting subject, or to give it more focus by choosing a complementary subject.

National Extended Diploma in Business

This is equivalent in size to 3 A-Levels. Students are required to complete 13 units of work where 7 are compulsory and 6 are optional. This qualification is a two year, full time course that is suitable for learners who want to progress to higher education courses in business areas before entering employment. It can also support learners who want to progress directly to employment in job roles in business or business management.

Mr Barrow

barrowm@turton.uk.com

Why study Business Studies?

This course provides a flexible, unit based structure which incorporates development of practical, interpersonal and thinking skills. It prepares students well for employment and higher education.

Students will develop practical skills and gain a theoretical understanding of the world of business by completing assignments relating to various topics including marketing, accounting, recruitment and many more. The course will prepare learners for a future in the business world and will equip them with the practical skills needed for a career in business.

Where does it lead?

Most students progress to a degree or foundation degree in a wide range of subjects such as business, marketing, IT, accountancy, teaching or law. Alternatively, students could enter employment or an apprenticeship programme in various areas of business such as accounts and finance, human resources, marketing or retailing.

What does it go well with?

BTEC Business can be studied by itself or with other subjects. It goes well with a lot of different subjects across the sixth form: PE, History and Geography are some examples.

Requirements

At least five Grade 4's to include either Maths or English, ideally both.

"BTEC Business has helped me build on and develop my skills such as team work and confidence through different units.
I have also been able to look into company's such as Tesco and Unilever and analyse the factors affected by completing SWOT and PESTLE analysis." - Zaina Khan

"Business opportunities are like buses: there's always another one coming." - **Richard Branson**

BTEC Level 3 (Extended) Diploma in Applied Science

Applied Science

Why study BTEC Applied Science?

The Level 3 Diploma in Applied Science is an excellent starting point for anyone who sees their future in Science. It covers a wide range of topics across Biology, Chemistry and Physics and will allow you to acquire a high level of practical laboratory skills from which the theory is then drawn.

Where does it lead?

We have outstanding results, with students progressing to Universities such as Leeds, UCLAN, Liverpool John Moores on a variety of degrees including Biomedical Science, Audiology, Podiatry, Sports & Exercise Therapy, Engineering , Sport Rehabilitation, Pharmaceutical Science, Primary Teaching and Nursing.

What does it go well with?

BTEC Extended Diploma is a stand-alone qualification and the BTEC Diploma will fit well with many subjects including Social Sciences and ICT.

Requirements

BTEC science is both a practical and written course which has an emphasis on independent study.

A grade 5 in English, Maths and Science is essential.

"Prepares you for University as you need to meet deadlines and manage your time." - **Saimah Oomer**

"Teaches you to be an independent learner and take responsibility for your own learning." - **Aishaa Umarji**

The Course

BTEC

You will follow the Edexcel course.

The course covers a blend of theoretical and practical skills allowing you to experience the full breadth of the world of science. The course will help you to identify areas of specialism and interest.

The course contains the following units:

· **Biology** – Physiology of the human body, genetics, and biochemical techniques

· **Physics** – Medical physics, electricity

· **Chemistry** – Applications and techniques of Chemistry, Chemistry for technicians and Biochemistry

· **General Science** – Working in the science industry, perceptions of science, science fundamentals and scientific practical techniques.

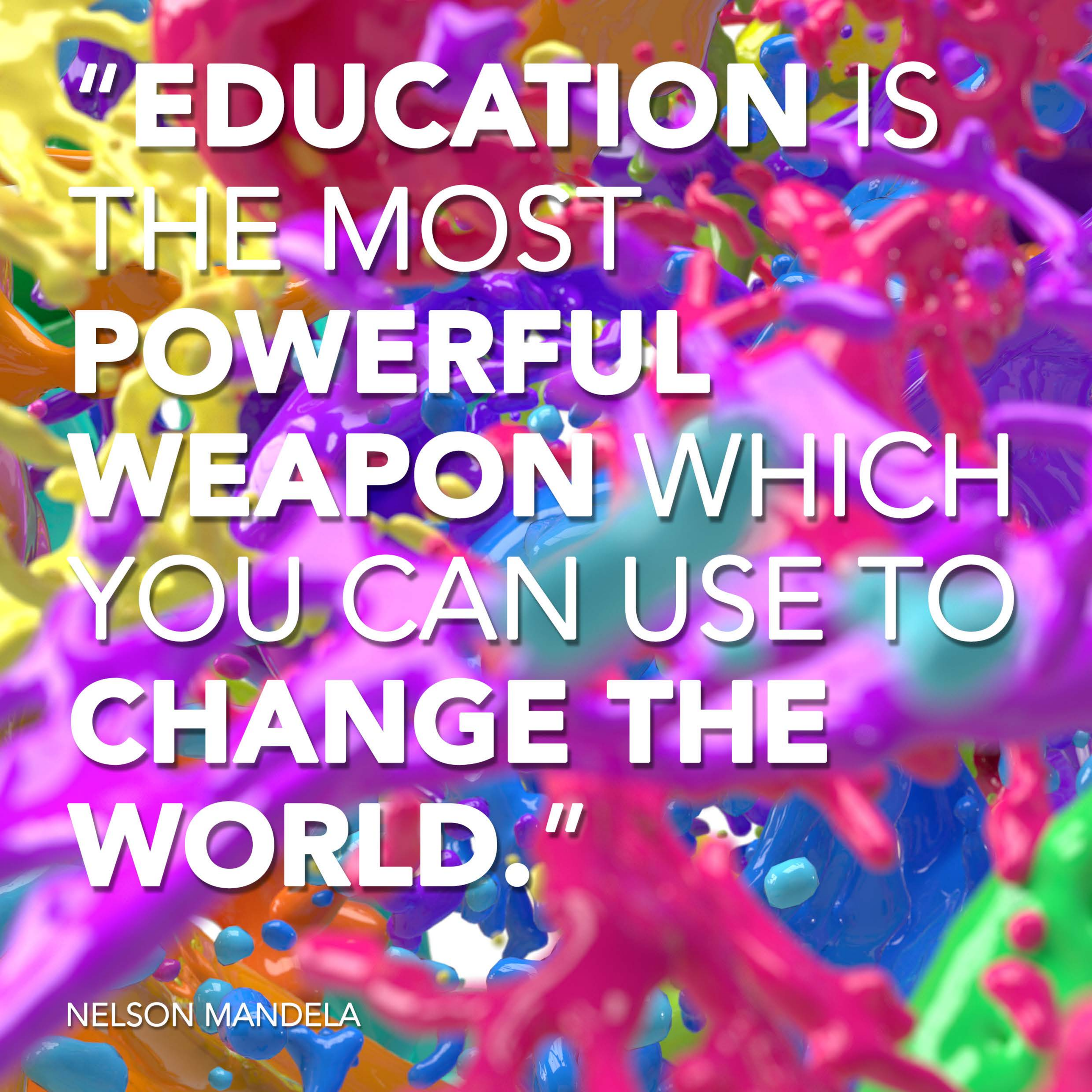
The Diploma is equivalent to two A-Levels. Students are required to complete 8 units of work, including 6 mandatory units. 3 will be externally examined and there are 2 optional units.

These qualifications are both full time and over two years.

Mrs Kotwal

kotwals@turton.uk.com

"The science of today is the technology of tomorrow." - **Edward Teller**


"EDUCATION IS THE MOST POWERFUL WEAPON WHICH YOU CAN USE TO CHANGE THE WORLD."
NELSON MANDELA