

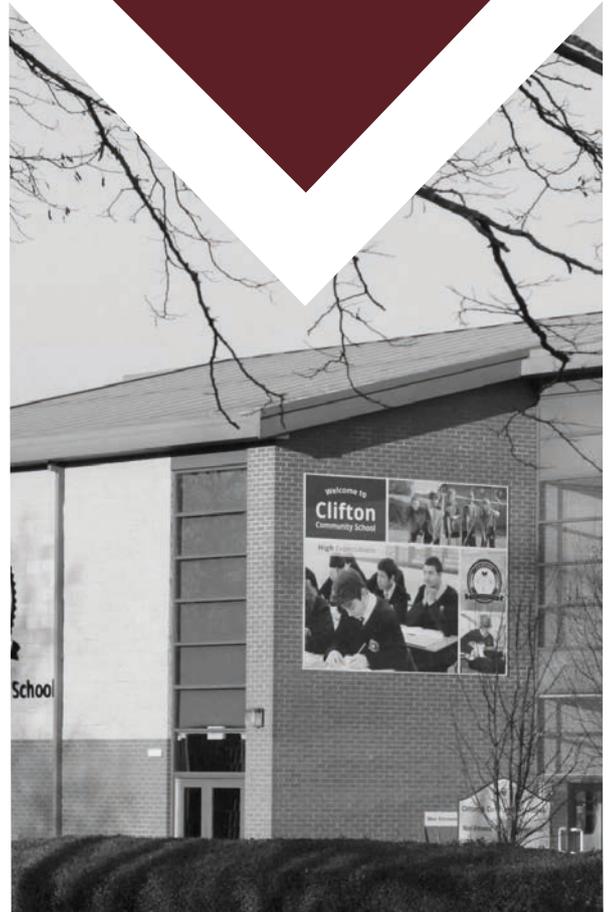
Y9 CAREERS



Y9 CAREERS

Which
direction
will you be
taking?

Knowing what to do can be tough. As a starting point, it's helpful to know what sort of interests and key skills you may possess – don't worry if you don't know what you want to do yet though! At CCS we can help guide and support you steering you towards suitable careers.



CONTENTS

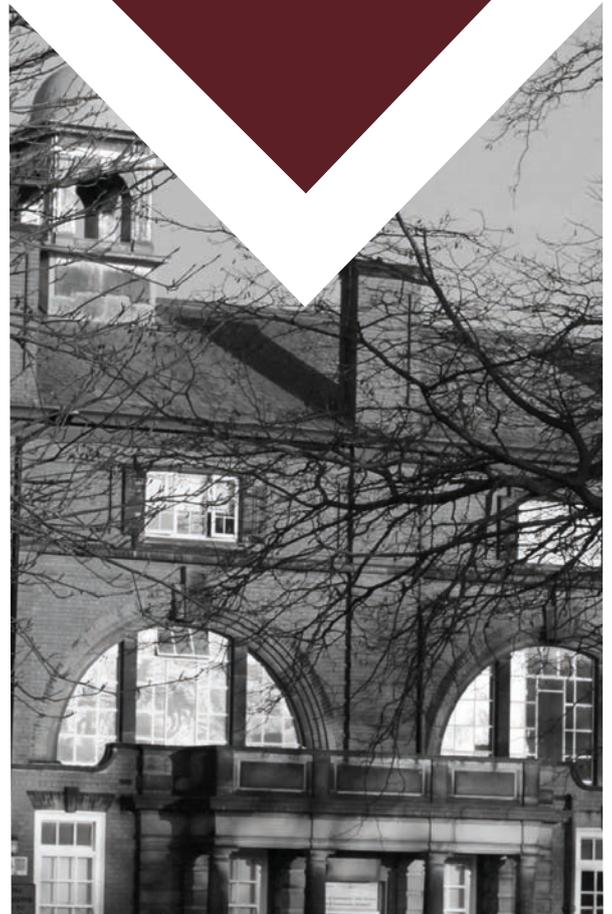
Introduction
Art & Design
Biology
Business
Chemistry
Child Development
Construction
Dance
Drama
English
Fashion Textiles
Food & Hospitality
Geography
Graphics
History
ICT Computer Science
Languages
Maths
Music
Physical Education
Physics
Psychology
Resistant Materials

Y9 CAREERS

Which
direction
will you be
taking?

OPTIONS
CHOICES
DECISIONS
POSSIBILITIES
OPPORTUNITIES

For all your careers questions and advice contact
K Baldwin at careers@cliftonschoo.org



INTRODUCTION

FUTURE CAREERS

Want to know the future careers that might best suit your personality and skills?

As well as this booklet, students and parents can access the KUDOS website – this interactive resource asks a person about their likes, dislikes and areas of skill, and matches possible career routes to the answers given. It then details information about those careers such as likely salary and what the opportunities for this work might be in our area. You can also directly search for information about job details of your choice.

KUDOS can be accessed by going to:
<https://kudos.cascaid.co.uk/#>
On the introductory screen please first enter the schools licence code: jobsyear46 then go ahead and make yourself a username.



When do you find an interesting career area, be sure to check the information about 'What Subjects Should I Study?' to link it back to options choices.

Careers and Job Guides on the School Website at www.cliftonschoo.org/careers-information/ there are a range of useful resources, including a link to the National Careers Service (<https://nationalcareersservice.direct.gov.uk/home>) which can be used to further explore career areas and also to contact a trained adviser for individual support. The phone number for this service is 0800 100 900.



In-School Support

As well as talking to subject teachers and the Leadership Team about different options, please also make contact with Mrs Baldwin to get help and advice with any individual queries.

You can arrange an appointment with her or via careers@cliftonschoo.org or telephoning the school on 01709 515005.

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We hope this booklet helps students in Year 9 to explore how different subjects they study at school leads onto future employment



ART & DESIGN

CAREER PATHWAYS

Model Designer

As a Model Designer you will make models for different uses, including: architectural design, scale models of new and existing building designs product design, models of new products for testing before production, visual effects design, models used in special effects or to show set designs in TV, film and theatre.

Antiques Dealer

As an Antiques Dealer you could work with a wide range of objects or specialise in a particular area, like jewellery, glass, furniture or china. You might buy items from salesrooms, auctions, markets, trade fairs and private owners, sell items to the general public and negotiate purchases and sales.

Art Valuer

As an Art Valuer you will research the identity and value of objects and advise owners on the value of their antiques for insurance or sales purposes.

Costume Designer

As a Costume Designer you are responsible for the overall look of the clothes and costumes in theatre, film or television productions.

Animator

As an Animator you bring drawings and computer generated characters to life on screen. You will work in animated films, TV, adverts, games, websites, or music videos, using hand-drawn, traditional, computergenerated imagery (CGI), stop-frame, stop-motion or model animation techniques.

Furniture Designer

As a Furniture Designer you will make or restore furniture such as chairs, tables and display cabinets.

Illustrator

As an Illustrator you will produce drawings, paintings or diagrams for use in products like books, greetings cards, or on packaging.

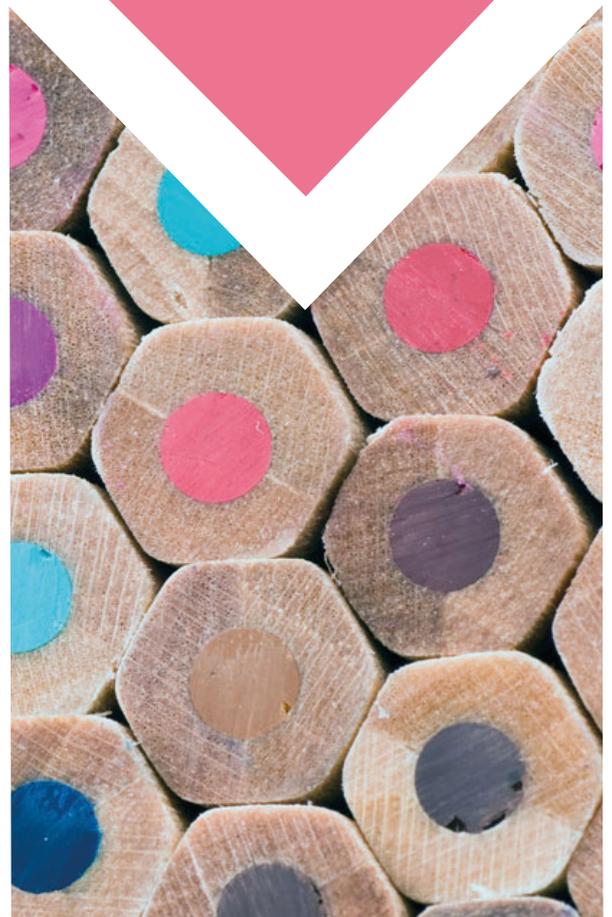
Interior Designer

As an Interior Designer you will plan and supervise the design and decoration of the inside of buildings. You will work to a client's brief and draw sketches and cost the project.

Future Study

Studying Art and Design will give you a wonderful opportunity to develop a wide range of exciting and stimulating creative skills. The creative skills you learn could include drawing, graphics, painting, photography, textile design, and sculpture.

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BIOLOGY

CAREER PATHWAYS

Biologists

Biologists study the science of living things such as plants, animals and micro-organisms. There are many areas in biology: Human Biology, Zoology, Ecology, Biochemistry, Biotechnology and Biomedical science.

Dental Hygienists

Dental hygienists give people advice on how to look after their teeth and gums. They do some dental work, such as cleaning, scaling and polishing teeth.

Chiropractors

Chiropractors treat problems with people's joints, muscles and nervous systems by moving the joints in a special way.

District Nurse

As a District Nurse, you will play a crucial role in the primary health care team. You visit people in their own homes or in residential care homes, providing care for patients and supporting family members.

Biochemical Engineer

As a Biochemical Engineer, you will apply your scientific knowledge to create processes in the production of pharmaceuticals and food.

Ecologists

Ecologists study the relationships between living things, and between them and their natural habitats. They look at how human activity, pollution and global warming can change and damage these relationships.

Analytical Scientists

Analytical scientists test things to work out what they are. For example, they test water, to make sure it's safe to drink, and blood samples, to find out if a patient has an illness.

Marine Biologist

As a Marine Biologist, you'll understand how sea animals behave and monitor the effects on the seas of pollution and climate change.

Doctor

As a Doctor, you will be helping people - treating illness, providing advice and reassurance.

Anaesthetists

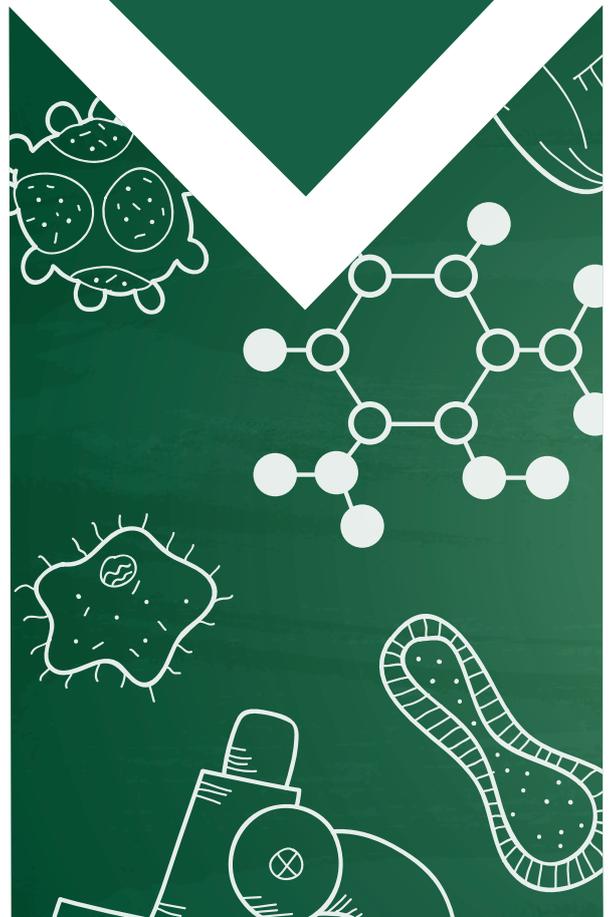
Anaesthetists are doctors who are experts on anaesthetics. These are things that stop us feeling pain.

Veterinary Surgeon

As a Veterinary Surgeon you will diagnose and treat sick and injured animals. You'll also prevent disease and ill-health, e.g. through immunisation and giving advice to owners.

Future Study

Biology is a wonderfully exciting and challenging area of science to study. Biology involves the study of living organisms, their life-cycles, and their environment. You will learn about different areas of biology, including human biology, organisms, evolution, and ecological concerns.



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BUSINESS

CAREER PATHWAYS

Buyer

Buyers play a crucial role in the economy. As a Buyer you will purchase raw materials, equipment, goods and services for use by your organisation. You'll make sure that goods are obtained at a good price, and that the right amount of stock is held.

Business Development Manager

As a Business Development Manager you will always be on the look-out for new business opportunities. This might include reaching new markets and selling to new customers or developing new products or services.

Actuary

As an Actuary you will be an expert in risk management. You'll use your business and mathematical skills to help measure the probability and risk of future events. This is useful to many industries, including healthcare, pensions, insurance, banking and investments, where a single decision can have a major financial impact.

Business Analyst

As a Business Analyst you will be analysing an organisation's processes and systems (how things get done), and suggesting ways of improving them. You will often provide a link between business problems and IT solutions. You will be looking to improve how the business operates.

Project Manager

As a Project Manager you will make sure that all the planned activities in a project are completed on time, to a high standard and within the budget that a business has allowed.

Economist

As an Economist you will study and explain the economy, the supply of money and the making, use and sharing out of resources, goods and services. You'll study and predict things like inflation and unemployment rates.

Accountant

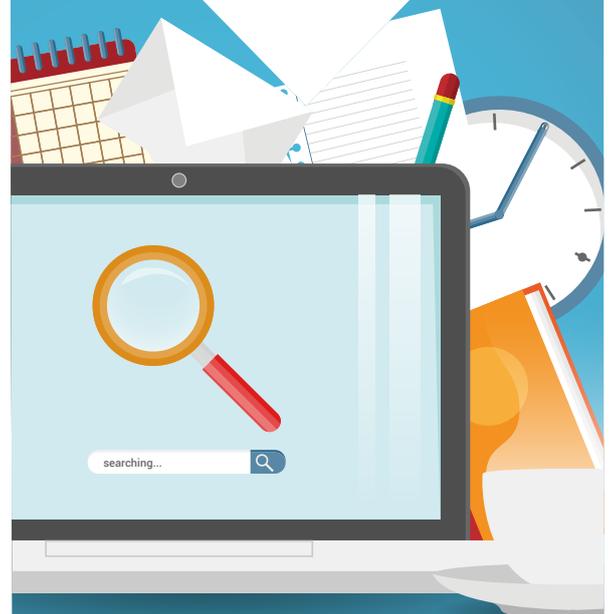
As an Accountant you will deal with the finances of organisations. You'll check financial records, assess the financial implications of business decisions, and prepare company accounts to show an accurate picture of a company's activities.

Company Secretary

As a Company Secretary you will make sure that Directors of a business follow company law and financial regulations.

Future Study

In this subject, you will learn all about the skills you require for working in or running a business, such as maintaining financial records, advertising, human resource management, and the important external factors that can affect the success of a business.



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CHEMISTRY

CAREER PATHWAYS

Pharmacist

As a Pharmacist, you will train to become an expert on medicines and their effects on the body. Most pharmacists work in high street chemists making up prescriptions.

Biochemical Engineer

As a Biochemical Engineer working for a pharmaceutical company, you will use your knowledge to produce drugs, medicines and vaccines.

Ceramics Technologist

Ceramics technologists work with the science and technology of ceramics - materials made from clay; making a wide range of products such as pottery, building materials, electrical and electronic parts.

Forensic Pathologist

As a Forensic Pathologist, you will find out how and why people have died. At the crime scene, you will look at the body for the first time and supervise the collection of evidence such as samples of blood or tissues. You will also carry out an autopsy - cutting into the body to look at organs such as the brain, heart, stomach, lungs and liver.

Clinical Researcher

Clinical researchers run trials to test the safety of new medicines and to see how well they work.

Geochemist

Geochemists study the chemicals that make up the earth's surface. They collect samples of things like rocks and sediments and help us understand how the earth has developed over time.

Crime Scene Investigator

As a Crime Scene Investigator, you will look for evidence in places where crimes have been committed. You'll take samples of finger prints, blood and fibres.

Metallurgist

Metallurgists study metals and alloys and how to develop and use them. They work with metals like steel, iron, nickel and aluminium.

Food Scientist

Food scientists develop food products that people will want to buy. They study how best to store food and also create new food colours, flavourings and preservatives.

Biochemist

As a Biochemist, you will study the chemistry of life, from molecules to cells, and then plants and animals. You'll use your knowledge to solve problems in health care, farming, and making food and medicines.

Future Study

If you choose to study Chemistry then you will learn all about the composition (the stuff they are made of), behaviour, and properties of matter (elements and compounds). You will learn to understand how these substances react when mixed together. As well as this, you will also find out about the role chemistry plays in business and industry and how our use of raw materials in manufacturing and fuels can affect your local environment and also the planet as a whole.



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CONSTRUCTION

CAREER PATHWAYS



Glazier

As a Glazier you will cut and fit glass in a range of buildings from houses to large office blocks.

Quantity Surveyor

As a Quantity Surveyor you will work out the cost of building projects, taking into account labour, materials, taxes and maintenance costs.

Scaffolder

As a Scaffolder you will erect scaffolding or working platforms for construction workers to use. Some also build stands, for example, at sports events.

Bricklayer

As a Bricklayer you will build walls for the insides and outsides of buildings. You will construct all types of walling from plain walls to more detailed work. You might be working on new buildings or extensions, or maybe restoring existing buildings.

Plumber

As a Plumber you will install, maintain and repair water and heating systems, sanitary services, pipework and controls for gas supply.

Plasterer

As a Plasterer you will mix and apply plaster to inside walls and ceilings. Plasterers may also apply cement mixes to floors and outside walls.

Site Manager

As a Site Manager you are in charge of the day-to-day organisation of a building site. The work involves recruiting staff, ordering materials and organising sub-contractors.

Building Site Inspectors

Building Site Inspectors oversee the quality and safety of construction work. You will check work and compare it with project plans, sample building materials to check their quality, find defects and suggest ways to fix them.

Structural Engineer

As a Structural Engineer you are involved with the design of the super-structure and foundations for buildings and structures such as bridges, sports stadia, tower blocks and oil platforms.

Joiner or Carpenter

As a Joiner or Carpenter you will use wood to make things such as windows, doors, stairs, furniture and shop fittings. You will cut, shape and join wood using a range of tools such as hammers, planes, chisels, screwdrivers and measuring tapes. You will often use power tools and cutting machines.

Future Study

This subject will give you an introduction to the construction industry, both as it is now and as it is expected to be in the future. You will learn all about the different built environments, including residential, commercial, industrial, agricultural and community (schools, libraries, hospitals). You will also focus on important industry issues, such as health and safety, environmental concerns, and the use of technology.



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DANCE

CAREER PATHWAYS

Dancer

As a Dancer you will move your body to music, to interpret a character or story for your audience, or simply to entertain. You may specialise in a particular type of dance, such as classical ballet, contemporary dance or modern stage dance and perform this to an audience.

Dance Teacher

Dance Teachers train and develop their pupils in all types of dance. Teachers show students how to warm up and move safely, demonstrate how to perform dance moves, design dance pieces and performances and enter students for dance exams.

Teaching Dance in the Community

Teaching Dance in the Community in a less formal or qualification based environment, such as with youth dance groups, elderly people in care homes or young offenders is a rewarding route for many dance professionals.

Dance Movement Psychotherapist

Dance Movement Psychotherapists use dance and movement to help people deal with emotional, psychological and physical issues.

Choreographer

Choreographers design sequences of steps and movements, usually accompanied by music, for dancers and other artists to perform.

Artistic Director

The Artistic Director is responsible for conceiving, developing, and implementing the artistic vision and focus of a dance or theatre company.

Yoga or Pilates Instructor

Dancers often progress onto being a Yoga or Pilates Instructor and teach these as a form of exercise to increase fitness and well-being.

Arts Administrator

Arts Administrators organise cultural activities and events like dance festivals. They book venues and dance performers, negotiate sponsorship and funding and promote an organisation.

What did they do with Dance at CCS?

Alisha Flintham

Alisha went to Barnsley College to study level 3 BTEC dance and then got into LIPA (liverpool institute for Performing Arts) owned by Paul McCartney. Alisha has been in the stage tour of an Evening of Dirty Dancing and Pantomimes in Glasgow. She has done numerous photoshoots to advertise dance costumes and has been in dance magazines. She now works for QDOS. She has recently been on TV as part of a crew in the apprentice.



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DRAMA

CAREER PATHWAYS

Actor or Actress

As an Actor or Actress you will work in live stage performances and/or film, television and radio. Your job is to bring to life the role you are playing as effectively as possible.

Computer Games Writer

Are you fascinated by the adventures that take place within the gaming world? As a Computer Games Writer you will create and lead the games storyline - what happens, when, why and with which characters. All these aspects need to be carefully planned and written.

Stage Managers

Stage Managers oversee all aspects of a theatrical production. They work closely with the director, actors and technicians. Their role includes reading scripts, making prop lists, going to production meetings and supervising rehearsals.

Costume Designer

As a Costume Designer you will design costumes and select accessories for use in theatre, film and television. You will make sure that costumes and accessories suit the particular characters and settings used in the production.

Drama Therapists

Drama Therapists use group work, role-play and movement to help people with their feelings and emotions. You will help people use their imagination and creativity to increase confidence and self-esteem.

TV Presenters

TV Presenters work in television, introducing and hosting programmes, interviewing people and reporting on issues and events.

Holiday Resort Rep

Holiday Resort Reps arrange and accompany excursions and sightseeing trips, and are on hand to give advice and deal with all guest enquiries.

What did they do with Drama at CCS?

Connor Gale

I studied BTEC Drama at Clifton and was accepted onto the Acting BTEC course at Rotherham College where I studied full time for two years. I'm now studying a Ba(Hons) in Acting at the University of Central Lancashire (UCLan). Clifton have a great arts department with fantastic teachers, if it wasn't for them i wouldn't be where i am an today. I remember back when i was in year 7, they set me off on an amazing path of acting.

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FASHION & TEXTILES

CAREER PATHWAYS

Fashion Designer

As a Fashion Designer you will:

- work to design instructions (a 'brief')
- analyse and predict trends in fabrics, colours and shapes
- produce concept and mood boards (a collection of items to capture a mood, like photos, fabric pieces or colour samples)
- produce designs by hand or by using computer-aided design (CAD)

Fashion Model

As a Fashion Model you will promote clothing and accessories to fashion buyers, customers and the media.

Theatre Wardrobe Assistant

As a Theatre Wardrobe Assistant you will help to make, find and look after clothes and costumes used in theatre, film and TV productions.

Make-up Artist

As a Make-up Artist you will apply make-up and style hair for people appearing on camera or in front of a live audience. You might also use special effects make-up, for example, in the reconstruction of an accident.

Garment Technologist

As a Garment Technologist you will choose the right fabrics and designs for manufacturers to make clothes at a set cost.

Personal Shopper

As a Personal Shopper you will give advice to customers and suggest products that may suit their needs.

Visual Merchandiser

As a Visual Merchandiser you will design eye-catching product displays and store layouts to encourage sales.

Retail Buyer

As a Retail Buyer you will be responsible for an area such as footwear or cosmetics. You will analyse trends and consumer data, attend trade fairs to find new products, judge product quality and negotiate prices.

Future Study

If you choose to continue to study Fashion and textiles you could create designs for clothes and accessories. You'll aim to fit with, or predict, fashion trends and to appeal to potential buyers. You would explore a wide range of disciplines within fashion including, fashion marketing, fashion illustration, textiles or fashion photography.



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GEOGRAPHY

CAREER PATHWAYS

Landscape Architect

As a Landscape Architect, you will plan, design, create and manage the landscapes we live and work in. You will have a good understanding of the natural environment and how humans use it to meet their day to day needs.

Oceanographer

As an Oceanographer you may specialise in:

- biological – studying marine plants and animals;
- physical – exploring water temperature, density, wave motion, tides and currents;
- geological – examining the structure and make-up of the ocean floor;
- chemical – analysing the chemicals in sea water and the impact of pollutants.

Ecologist

As an Ecologist you will study the relationship between plants, animals and the environment. You may specialise in a particular type of environment, like marine or coastal areas or you could study a specific animal or plant species.

Meteorologist

As a Meteorologist you will collect and study data to make weather forecasts.

Cartographer

As a Cartographer you will collect information about the geography of an area to design and produce maps, charts and pictures.

Transport Manager

As a Transport Manager you will make sure goods and passengers reach their destination safely, on time and in the most cost-effective way.

Town Planner

As a Town Planner you will help shape the way towns and cities develop, and balance the demands on land with the needs of the community.

Countryside Officer

As a Countryside Officer you will manage, protect and improve the rural environment.

Future Study

If you study Geography then you will develop a keen knowledge and understanding of geographical concepts, and how they affect our changing world. You will learn to appreciate the differences that exist within people's views of the world, its environments, societies and cultures, and also consider how they can contribute to a more sustainable environment.



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GRAPHICS

CAREER PATHWAYS

Graphic Designer

As a Graphic Designer you will create visual branding, adverts, brochures, magazines, product packaging and displays.

Medical Illustrator

Medical Illustrators produce photographs, videos and graphical images for use in health care.

Exhibition Designers work

Exhibition Designers work with organisations and individuals to turn their ideas into engaging displays.

Video Editor

Video Editors bring together images and sound for use in film, TV and online. As part of a post-production team you will work with material recorded by camera and sound crews and add any extra effects.

Packaging Technologist

Packaging Technologists design and develop packaging for different products.

Social Media Manager

Social Media Managers communicate with organisations' customers and clients through social media channels such as Twitter and Instagram.

Web Designer

As a Web Designer you build and maintain websites and website applications.

Digital Marketing

If you work in Digital Marketing as an Advertising Art Director you will design the visual side of advertising campaigns for all kinds of media including film, TV, web or print.

Illustrator

Illustrators produce drawings, paintings or diagrams for use in products like books and greetings cards, or on packaging.

Signwriter

Signwriters produce signs for places like historic buildings, fairgrounds, shops and pubs. They prepare accurate graphic designs for lettering and logos.

Future Study

As a Graphic Designer, you will create designs for computer games, websites, adverts, book covers, posters, packaging and so on. As a Graphic Designer, you'll need to know about the use of shape, colour, space and form. You also need to be creative and have the ability to work under pressure and work efficiently to meet deadlines.



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HISTORY

CAREER PATHWAYS

Conservator

As a Conservator you will preserve and restore historical objects and buildings.

Antiques Dealer

As an Antiques Dealer you could work with a wide range of objects or specialise in a particular area, like jewellery, glass, furniture or china. You might buy items from salesrooms, auctions, markets, trade fairs and private owners, sell items to the general public and negotiate purchases and sales.

Genealogist

As a Genealogist you will study family history, and trace the family tree of an individual. Genealogists use oral interviews, historical records, genetic analysis, and other records to obtain information about a family. The results are often displayed in charts.

Visitor Services Manager

As a Visitor Services Manager you will look after the planning and finances of an attraction and the health and safety of visitors. You will have a good historical understanding of the place – for example understanding the history of Conisborough Castle.

Archaeologist

As an Archaeologist you will learn about the past by studying sites and excavating, classifying, recording and preserving objects.

Museum Curator

As a Museum Curator you will manage collections of objects of artistic, scientific, historical and general interest.

Archivist

As an Archivist you will look after and preserve collections of historical records and documents.

What did they do with History at CCS?

Kiran Hussain

I was a student at Clifton from 2007-2012 where I chose History, Religious Studies, and BTEC Drama for my GCSE options. Being given more freedom to study what I wanted really helped me when it came to considering what to do after I left school.

Each lesson I had was really fun because everyone in class had chosen to be there and we all had similar interests. From Clifton I went on to Wickersley Sixth Form and studied History, English Literature, Religious Studies, and Sociology. The workload was more than I thought it would be but I knew I would enjoy it because I had enjoyed my GCSE options so much.

I'm now in my final year of History at the University of Oxford. Having taken GCSE History I knew when I left Clifton that I wanted to study it further. It can seem daunting choosing what to study for the next two years, but I chose the subjects I really enjoyed and now I'm at university studying one of my options!



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ICT & COMPUTER SCIENCE

CAREER PATHWAYS

Computer Engineer

As a Computer Engineer, you will work with either hardware or software. Computer Hardware Engineers research, develop, design and test computer equipment.

Computer Software Engineers

Computer Software Engineers develop, design and test software, which can be used in many different areas of life.

Data Analyst

IT systems operate in every walk of life and more data is being generated than ever before. The value of this data is only just being realised, and a new world of opportunity is opening up. As a Data Analyst, you will be responsible for collecting data, organising it in such a way that it can be used, and then presenting the results.

Computer Games Designer

As a Computer Games Designer you create ideas for computer games and apps, and help to decide the way they look and play. The computer games industry is one of the fastest growing areas of entertainment with many small companies starting up in South Yorkshire.

Computer Assembly Technicians

Build computers from their parts. They test to make sure everything is working; as a technician, you'll need an interest in computers and electronics.

Software Developers

Write the coding that instructs computers to perform particular tasks.

Test Engineer

New products and processes are being designed and developed everyday. All of these need to be carefully checked and it is the job of the Test Engineer to design and carry out these vital tests.

Infrastructure Engineer

As an Infrastructure Engineer, you will be responsible for designing, building, deploying and maintaining an IT infrastructure, using the very latest technology.

Web Developer

As a Web Developer you will build and maintain websites. You make sure that the technical side of the website functions correctly and that it meets your customer's needs.

Future Study

ICT will help to prepare you for employment in a world increasingly dominated by the use of ICT systems. It is aimed at students who want to learn all about computers and ICT, but who also want to learn the actual skills required by employers in the workplace.

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LANGUAGES

CAREER PATHWAYS

Interpreter

As an Interpreter you will convert the spoken word from one language into another, either face-to-face or remotely.

Translator

As a Translator you will convert the written word from the 'source language' into the 'target language', making sure that the meaning is the same.

Tourist Attraction Guide

As a Tourist Attraction Guide you will show visitors around places of interest such as cities, historic buildings and art galleries. As well as having detailed knowledge of the venue. A working understanding of different languages is useful in order to help visitors with their queries.

Intelligence Linguist

Join the Army as an Intelligence Linguist and you will use specialist language and communication skills in combat zones around the world. You will intercept, interpret and analyse communications to keep people safe.

Immigration Officer

As an Immigration Officer you will check and monitor people entering and leaving the country. You will make sure that they meet any criteria for being in a country and may interview people who do not have the right to stay.

Foreign Correspondent

Foreign Correspondents are more likely to cover the news abroad if they become fluent in the language of the region they wish to cover, and knowledgeable in that region's history, current events and culture.

EFL (English as a Foreign Language) Teacher

EFL (English as a Foreign Language) Teachers help students learn or improve their English in the UK and abroad.

Hotel Receptionist

Hotel Receptionists make guests feel welcome, manage room bookings and deal with requests from guests. A working knowledge of different languages is an asset in this role.

Airport Information Assistant

Airport Information Assistants use different languages to help and support international passengers in using airports to travel around the world.

What did they do with Languages at CCS?

Matthew Bennett

Having left Clifton in 2010 I have since returned as a teacher in the Modern Languages department. During my time at Clifton I achieved the Associate Diploma in Pianoforte at the age of 15 from the London College of Music and left with 10 GCSEs (A*-C). After my time at Clifton I studied at Thomas Rotherham College where I obtained A Levels in Spanish, German and Music before moving on to study Spanish, German & Italian at the University of Hull. Through my use of languages, I have made some great friends and key contacts in the fields of Sport and Music. So much so in recent years I have written two music albums and have performed in Austria, Germany, Denmark, Bosnia and the UK with people of different nationalities. As a result of my hard work, determination and my linguistic ability, I am now able to say I speak 4 languages to an advanced level. The opportunities with Languages are endless, learning a language has opened up so many doors for me both in the UK and abroad and could do the same for any prospective student as well.

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MATHS

CAREER PATHWAYS

Accountant

As an Accountant, you will deal with the finances of organisations. You'll check financial records, assess the financial implications of business decisions, and prepare company accounts to make sure that they show an accurate picture of a company's activities and finances.

Astronomer

As an Astronomer, you will study stars, planets, galaxies and all the objects in the universe beyond Earth. You'll study the universe using telescopes and information from satellites.

Bank Manager

As a Bank Manager you will find out the banking needs of personal and business customers; you will tell people about the services the bank offers. You decide whether or not to lend money to customers.

Data Analyst

As a Data Analyst, you will be responsible for collecting data, organising it in such a way that it can be used, and then presenting the results as useful information.

Economist

As an Economist, you will study and explain the economy. This is to do with the supply of money and the making, use and sharing out of resources, goods and services.

Buyer

As a Buyer you will purchase raw materials, equipment, goods and services. You'll make sure that goods are obtained at a reasonable price, and that the right amount of stock is held.

Quantity Surveyor

Quantity Surveyors work out the cost of building projects, taking into account labour, materials, taxes and maintenance costs. They might work for: hospitals; schools; prisons and airports.

Statistician

As a Statistician, you will collect, analyse and interpret numerical data for government, business, health care and scientific use. You'll give advice based on your results and analyses.

Investment Analyst

Investment Analysts study companies and industries to help others decide whether or not to buy shares in those companies.

Future Study

Many careers require you to have at least GCSE level Mathematics skills. When you study Mathematics you will develop your proficiency, argument, and problem-solving mathematical skills. A number of different mathematical areas are likely to be covered, including algebra, geometry, calculus, trigonometry, and graphs. At a higher level you might also study Decision Mathematics, Mechanics, and Statistics.

For all your careers questions and advice contact
K Baldwin at careers@cliftonschoo.org

MUSIC

CAREER PATHWAYS

Audio Engineer

As an Audio Engineer, you will record music and sound in a recording studio or at live performances. You'll set up the equipment performers need to make music recordings and use specialist equipment to edit and improve the recording.

Music Therapist

As a Music Therapist, you will use music to help people explore and communicate their feelings. Through music, people can express feelings, develop confidence and form relationships with other people and the world around them.

Music Teacher

As a Music Teacher, you will give music lessons to people of all ages and abilities. You'll teach them to read, play or sing music. You will work in places such as schools, colleges, universities and community or music centres.

Music Manager

As a Music Manager, you will work for music artists, looking after the business side of things. This could involve helping to get new artists and bands started and managing existing bands.

Musical Instrument Technician

Musical instrument technicians design, make and repair musical instruments such as string, woodwind, brass and electronic instruments. They also clean and tune instruments, and give advice on how to look after them.

Musician

As a Musician you will perform live at concerts and festivals. You'll record music and spend a lot of time auditioning and practising for performances.

Singer

As a singer, you will specialise in either classical or popular music. You'll work in opera or as part of a choir, or sing one or more different popular styles, such as pop, rock or hip hop.

What did they do with Music at CCS?

Tom Killner and Jake Ashton are in The Tom Killner Band, touring UK and Europe, they went to Rotherham College and studied level 3 music.

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PHYSICS

CAREER PATHWAYS

Astronomer

As an Astronomer you will use scientific techniques to study the origin and make-up of the universe. You might collect data from satellites and spacecraft using radio and optical telescopes, and develop new instrumentation and software to interpret the images captured by satellites.

Aerospace Engineer

As an Aerospace Engineer you will design, build and maintain planes, spacecraft and satellites. You could focus on aerodynamics or fuel efficiency.

Civil Engineer

As a Civil Engineer you will design and manage construction projects, from bridges and buildings to transport links and sports stadiums.

Electrician

As an Electrician you will fit, service and fix electrical equipment, circuits, machinery and wiring.

Metallurgist

As a Metallurgist you will study metals and alloys, including how to develop and use them. You will work with metals like steel, iron, nickel and aluminium and apply this knowledge in areas like mining, civil engineering and the aircraft and car industries.

Nuclear Scientist

As a Nuclear Scientist your work covers a broad range of activities, from designing and monitoring nuclear power plants to developing medicines and equipment. The work is complex, entailing the use of sophisticated electronic equipment and computer-controlled systems.

Acoustician

As an Acoustician you are an expert in the science of sound. You might improve sound at live music events and in recording studios, control noise levels, create equipment such as amplifiers and microphones and develop medical technology like ultrasound testing.

Future Study

Physics involves the study of matter and energy. How does it behave under certain conditions and why? By studying Physics you will begin to understand the universe around you, including mechanics, waves, the structure of atoms and the make-up of the physical universe. You will study a large number of different, fascinating topics maybe including, electromagnetism, energy, electricity, space, atoms, radiation, quantum physics, nuclear , and thermal dynamics.



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K Baldwin at careers@cliftonschool.org

PSYCHOLOGY

CAREER PATHWAYS

Police Officer

As a Police Officer you are responsible for keeping law and order, protecting people and property and making neighbourhoods safer. You will also work towards helping to prevent and reduce crime and investigate crimes that have taken place. An understanding of criminal psychology is vital in this line of work.

Psychiatrists

Psychiatrists are doctors who care for and treat people with mental health problems. They treat issues such as depression, panic attacks, drug and alcohol abuse, eating disorders and severe mental illness.

Mental Health Nurse

As a Mental Health Nurse you will care for and support people who have a mental illness. You'll help people to deal with their illness and be as independent as possible.

Market Research Analyst

Market Research Analysts help companies and organisations to judge people's opinions about products, services or issues. They help make decisions on issues like product design and advertising based on their understanding of how the public think.

Psychologist

As a Psychologist you study the way people think and act and use this to help people with difficulties to change their lives for the better.

Different types of Psychologists include:

- Occupational Psychologists
- Clinical Psychologists
- Counselling Psychologists
- Educational Psychologists
- Forensic Psychologists
- Health Psychologists.

Social Worker

As a Social Worker, knowledge of child development and how it can be negatively impacted is important in order to be able to better support families.

Prison Service

If you work in the Prison Service knowledge and understanding of how behaviour can be shaped is useful as well as knowing how to restore prisoners to a way of life that eventually leads to a successful return to the community.

Counsellor

As a Counsellor, understanding how and why people behave the way they do is vital in order to help them make positive changes.

Future Study

Psychology is the science of the mind - trying to understand how and why we behave like we do. By studying Psychology you will begin to understand people and yourself better. You will find out about the different schools of psychology, and psychological theories. This course will prepare you for further study, or for a variety of careers.



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RESISTANT MATERIALS

(Materials Technology)

CAREER PATHWAYS

Product Designer

As a Product Designer you create new products and improve existing ones. You may specialise in anything from electronics to web apps. After investigating how existing products are used, you will develop new ideas and make samples or working models (known as prototypes) for new improved designs.

Architectural Technician

Architectural Technicians and Technologists bring Architects' construction ideas to life. They prepare technical information used to plan projects and develop specifications for construction work.

Design and Development Engineer

Design and Development Engineers research and develop ideas and systems for manufacture. They also work to improve the performance and efficiency of existing products.

Packaging Technologist

Packaging Technologists design and develop packaging for different products, making sure it is safe, fit for purpose and is correctly branded.

Technical Textile Designer

Technical Textile Designers use computer aided design (CAD) software to research, create and test textiles for specific uses. This might be medical textiles, allergy-free bedding and artificial ligaments in prosthetics, or clothing textiles which are waterproof, flame-retardant, heat-resistant or bullet-proof fabrics.

Footwear Designer

Footwear Designers create new designs and sample patterns for men's, women's and children's footwear.

Furniture Designer

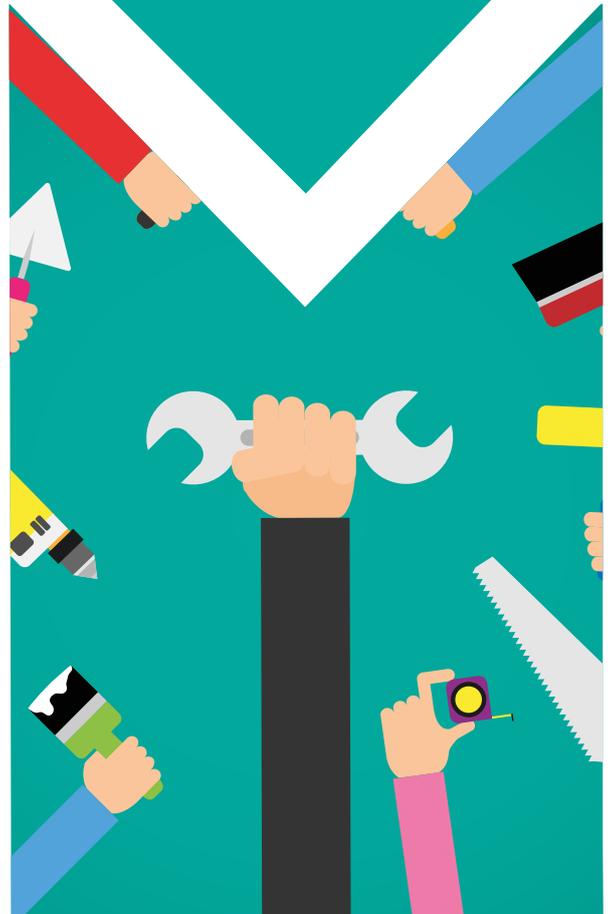
Furniture Designers produce designs for mass-produced furniture, furniture made in small batches or unique pieces.

Model Maker

Model Makers design and make 3D scale models to show how buildings or products will look.

Future Study

If you choose to continue to study this subject then you will learn all about the design and manufacture of high quality technological products. You will learn how every product design is influenced by outside factors, such as consumer demand, the state of the market, customer expectations and consumer laws.



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K Baldwin at careers@cliftonscool.org

