

Careers and Pathways



College



Careers

Apprenticeships



Sixth Form



Introduction

In this session you will learn:

- Who can provide careers information to you
- What information is available to you to help you make career decisions
- How to understand and use that information
- Labour Market Information
- Careers and Skills associated with different subjects

Why Careers information

Thinking about careers now helps you to consider what to study in the future.

There is a lot of careers information available to young people – through careers advisers, online careers information and information given by people you know, job sites and more.

It is important to understand the different sources of information and how they can help you.

Types of careers information

Careers Advisers

Someone who is qualified to give careers advice.

You can ask these professionals lots of questions, they will help you to understand your skills and interests and give you impartial advice.

Not everyone has a careers adviser at school or college, so you may need to find someone yourself.

Online Information

There are lots of sources of online information; videos, websites and job sites.

There is lots of information to search, you can type in the career you are interested in or careers help and will get lots of suggestions.

Sometimes information online can be out of date or even inaccurate. It can also be tailored to help sell a product or service.

People You Know

The people around you will have their own career stories, ideas and experiences.

You may know someone who does a job you are interested in, attended university or who did an apprenticeship and will tell you what their experience was.

People have very different experiences, good and bad. So sometimes their advice can be biased depending on their experience.

What information you need

How to learn about your skills.

You may want to ask people you know as they have experience of you.

You could also do an online skills quiz.

Which careers may interest you?

You may choose to use online information and complete a careers quiz, or simply look through careers websites to learn about different careers and whether they sound interesting to you.

How do you get a job in your chosen career?

A careers adviser could provide you with lots of information about apprenticeships, university and other options into that career.

They will know what qualification you need to get to progress and where you can study.

You can also research this information online.

Useful information about careers

To help you decide whether a career is right for you, you can look more closely at careers information and find out key facts such as:

- what the job involves – what you would do in a day
- what qualifications you need, what routes are available to you
- if there is a demand for this job and where that demand is
- what sort of salary you might earn
- what career progression there is
- why do you think some of these questions are important?

Labour Market Information

- Labour Market Information (LMI) is the data found in, for example, reports, graphs and spreadsheets, about such things as jobs, employers, job seekers and gender split.

LMI gives you info on:

- Numbers of people employed in those areas
- Which jobs are in demand
- Skills employers value

What to consider:

- What do you enjoy to do?
- What jobs are you qualified for?
- What jobs are out there?

UNDERSTANDING LABOUR MARKET INFORMATION

LMI means finding out the following things about different job roles or career pathways...

- What do people actually do in this job/industry?
- How many people work in this job/industry?
- What qualifications do I need to do this job?
- How much do people get paid to do this job?
- What skills or qualities do I need to do this job?
- What are this typical working hours for this job?
- What percentage of men and women work in this job/industry?
- Where can this job/industry take me in the future?

57,000 extra jobs by 2024

Sectors set to grow:

- Teaching & Education
- Health & Social Work
- Information Technology
- Professional Services
- Construction
- Finance & Insurance

Right now what sectors have the most common jobs?

- WHOLESALE AND RETAIL
- HEALTH AND SOCIAL CARE
- MANUFACTURING
- EDUCATION
- ADMINISTRATION

Southmoor Multi-Academy Trust | THE SIXTHFORM at Southmoor Academy

Labour Market Information National Careers Service

UK Overview

Employment
The UK employment rate is **76.1%** (80.3% male, 72% female)

Unemployment
The UK unemployment rate is **3.8%** (4% male, 3.7% female)

Salary
The average income is **£29,009** a year

Working Hours
On average people work **31.9** hours a week

Self-Employed
14.7%
6,155,437 people are self-employed

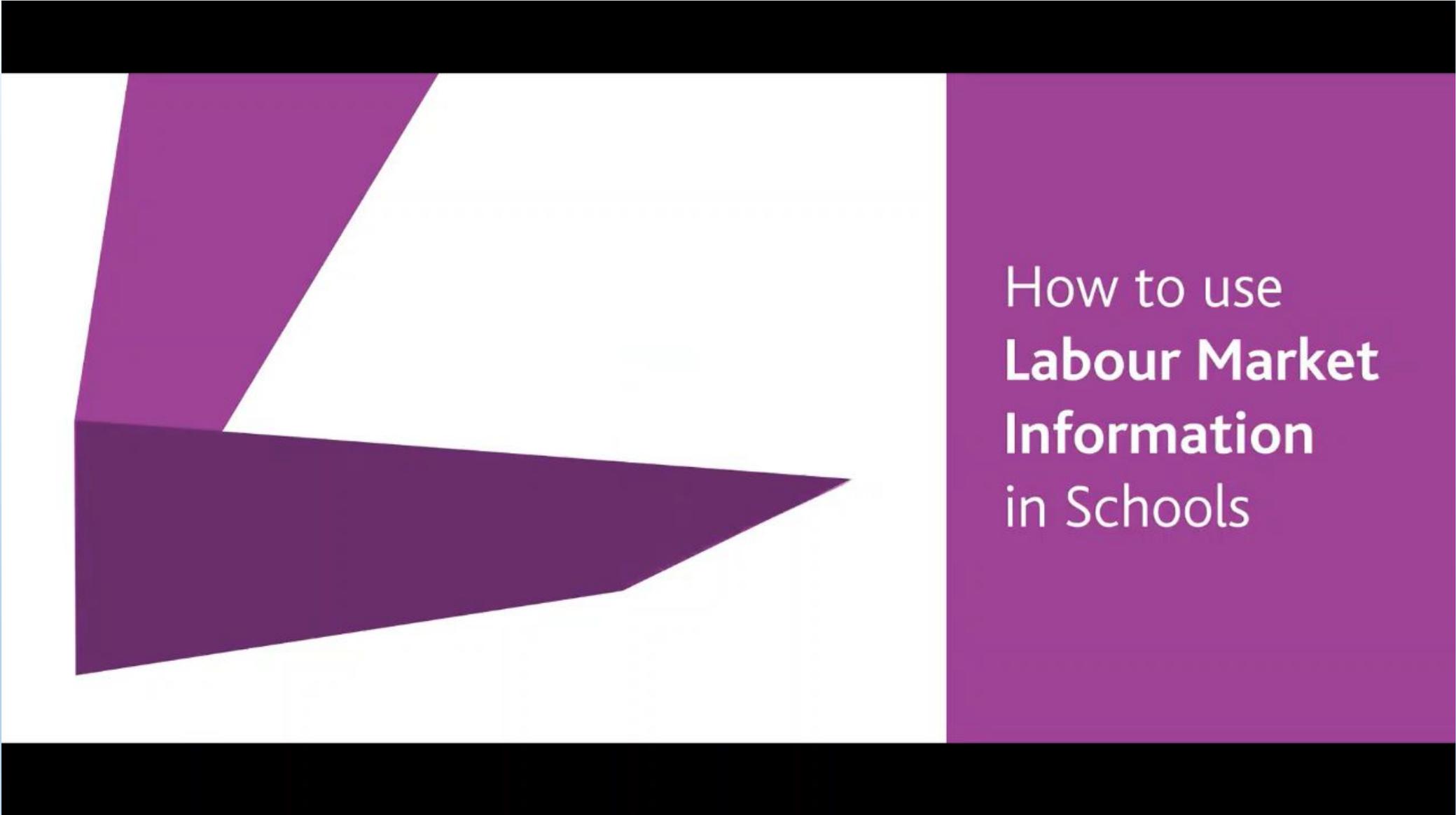
Predicted Job Growth
6% growth by 2024 creating **1,974,000** extra jobs in the UK

Fastest growing sectors
Financial Technology
Digital Marketing
Biotechnology
Gaming and Virtual Reality
I.T/Technology
Engineering
Healthcare

Where are the most jobs now?

- Health and Social Care (4.3million)
- Wholesale and Retail (4million)
- Education (3.4million)
- Manufacturing (2.9million)
- Science and Technology (2.4million)

*LMI obtained from the Office for National Statistics and Gov.uk. Last updated: July 2019

The image features a large, abstract graphic on the left side, composed of several overlapping geometric shapes in shades of purple and white. The shapes include a large white triangle pointing right, a smaller purple triangle overlapping its top-left corner, and a larger purple shape at the bottom that tapers to a point on the right. The right side of the image is a solid purple rectangle containing white text.

How to use
**Labour Market
Information**
in Schools

Where can a subject take you and what skills can you develop

In the following slides we will see some of the different careers available with certain subjects and the skills which you develop in those subjects you study.

Please load following website <https://guest.startprofile.com>

Load following website: [Start - Job - Civil Engineer](#)

- For each of the following subjects please input one of the job roles (or suggestions from students) into the search box and see the affiliated information with the students such as:

LMI (Availability Tab)

Qualifications and Routes in

Salary and hours etc

The screenshot shows the Start website's search results for 'engineer'. The top navigation bar includes the Start logo, a search bar with 'engineer' entered, and user options like 'My Profile', 'World of Work', 'What To Study', 'Where To Learn', 'Employability', and 'Sign In/Register'. Below the navigation, a teal banner indicates 'You are using Start as a Guest User' with 'Register' and 'Log In' buttons. The main content area features a search results header with a magnifying glass icon, 'Search Results', the search term 'engineer', and a 'Sort by: Relevance' dropdown. Three job cards are displayed: 'Automotive Engineer' (Suitability: UNKNOWN, Availability: GOOD), 'Civil Engineer' (Suitability: UNKNOWN, Availability: STRONG), and 'Aerospace Engineer' (Suitability: UNKNOWN, Availability: FAIR). Each card includes a brief description and a 'SHOW MORE' link.

The screenshot shows the job details page for 'Civil Engineer' in the 'Construction Management' category. The top navigation bar is identical to the search results page. A teal banner indicates 'You are using Start as a Guest User' with 'Register' and 'Log In' buttons. The main content area features a large image of a construction site, the job title 'Civil Engineer', and the category 'Construction Management'. Below this, there are tabs for 'Suitability' (UNKNOWN) and 'Availability' (STRONG), along with a 'Back' button. A left sidebar contains a table of contents with links to 'Overview', 'What Would I Do?', 'Salary and Hours', 'Qualifications & Routes In', 'Is This For Me?', 'Availability', 'Live Vacancies', 'Top Tips', 'Related Jobs', and 'Videos'. The main content area includes a 'What's It All About?' section with a description of the role, a 'Mark as "Explored"' button, and a 'Featured Employers' section listing 'COSTAIN', 'HinkeyPoint', and 'Leeds City Council'. At the bottom, there are sections for 'Apprenticeship Near You', 'Traineeship Opportunities', and 'Top 3 Related Jobs' (Structural Engineer).



WHERE CAN

ART & DESIGN

TAKE YOU?



ADVERTISING & MARKETING

Almost 200,000 people work in Advertising & Marketing in the UK. **Jobs increased by a third between 2011 and 2016.**

Career paths: Advertising network manager, brand specialist, event planner

EDUCATION

Primary school and nursery teachers have one of the **highest rates of job satisfaction** in the UK. Over 450,000 teachers work across the UK.

Career paths: Corporate trainer, lecturer, primary school teacher

MANUFACTURING

The manufacturing sector employs around three million people and **accounts for 9% of employment in the UK.** That's a lot of jobs!

Career paths: Furniture maker, product design, textile manufacturer

RECRUITMENT & HR

The Recruitment & HR industry employs around 100,000 people and this is only **expected to grow in years to come.**

Career paths: Graduate recruiter, recruitment consultant, training manager

ART & DESIGN

Over half a million people work as artists, designers, performers, musicians and craftspeople. More than half of the artists in the UK have a degree, compared with a quarter of the whole population.

Career paths: Artist and film maker, furniture maker, graphic designer

FASHION & BEAUTY

850,000 people work in the UK fashion industry, with more jobs on the way as sales rise. With a quarter of fashion sales made online, **many new roles will be digital.**

Career paths: Beauty consultant, online category developer, product design

PUBLISHING & MEDIA

The Publishing & Media industry employs 430,000. Jobs in film, TV, video, radio and photography are growing rapidly, with **17% more jobs now than in 2011.**

Career paths: Book designers, broadcast operator, media account manager

WANT MORE CAREERS ADVICE?



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5 WORK SKILLS ART & DESIGN WILL GIVE YOU



CONFIDENCE



In class: By expressing yourself through art, you will improve your skills, learn to take feedback and build confidence in your abilities.

At work: All jobs require confidence in your professional knowledge and expertise as well as your ability to make reliable decisions.

Career paths: Customer service agent, market trader, teacher

CREATIVITY



In class: Art is all about creativity – not just in what you design, draw or paint, but also in terms of coming up with creative solutions to problems.

At work: Careers across performing arts, advertising and media rely on creativity. Thinking innovatively to solve problems will be useful in a range of jobs.

Career paths: Interior designer, joiner, marketing officer

DRAWING



In class: You will learn how to draw in new styles and master the techniques used to achieve particular effects.

At work: Drawing and sketching is essential not just for illustrators and graphic designers but also in less obvious areas such as engineering.

Career paths: Animator, architect, draughtsperson

INDEPENDENCE



In class: You will carry out independent creative work and analyse paintings, installations, films and other artworks to reach critical judgements.

At work: Many creatives and techies work freelance in today's world – managing their own time to produce quality work to deadlines.

Career paths: Content writer, illustrator, social media manager

RESEARCH



In class: You will identify relevant information about different art movements and investigate the materials and techniques needed for your project.

At work: Professionals in engineering and technology research the methods for tackling the task at hand, while others conduct their own primary research.

Career paths: Forensic scientist, journalist, software engineer



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WHERE CAN BIOLOGY TAKE YOU?

AGRICULTURE

This sector employs over 350,000 people across the UK. Although core agricultural roles are expected to drop by 2030, **many new jobs will be created in 'agri-tech'**.

Career paths: Ecologist, farmer, food scientist

INVESTMENT MANAGEMENT

Technology is becoming increasingly important across this industry – but **62% of employers say the digital skills gap is widening**, more than any other industry.

Career paths: Human resources, investment manager, IT, marketing

POLICE & EMERGENCIES

There is a high demand for trained paramedics with **one in 10 vacancies unfilled**. Within the police force, digital and IT skills are highly sought after to better fight crime.

Career paths: Crime scene investigator, firefighter, paramedic

SPORT & FITNESS

There are currently 431,000 people employed in the sport & fitness industry. The number of people employed in the industry has grown every year since 2013.

Career paths: Personal trainer, rehabilitation therapist, ski instructor

ENGINEERING

The proportion of young engineers has dropped over the last decade. This means there will be a **high demand for younger workers** in coming years.

Career paths: Biomedical engineer, design engineer, project engineer

MEDICINE & HEALTHCARE

The UK healthcare industry **employs over four million people**, making it one of the largest employment sectors. Four of the five highest average graduate salaries are in fields related to medicine.

Career paths: Dental nurse, physiotherapist, vet

SCIENCE & RESEARCH

Between 2016 and 2023, jobs in science and research will grow at twice the rate of other industries, creating 142,000 new jobs. **One in every six jobs will be in science and research.**

Career paths: Biotechnologist, laboratory technician, research scientist

EMPLOYER

INVESTMENT 20/20
See your future in finance
Part of The Investment Association

By studying biology you will be able to start a career in the investment management industry, as a key part of your studies is to compare data, which is a useful skill in this field.

5 WORK SKILLS BIOLOGY WILL GIVE YOU



ANALYSIS



In class: Biologists analyse and interpret data by combining results from experiments and research with their subject knowledge.

At work: Analysis is vital in any job which requires you to interpret information in order to reach a conclusion.

Career paths: Paramedic, police detective, vet

COMMUNICATION



In class: You will have to present your ideas to your classmates and teacher, offering persuasive conclusions based on your observations.

At work: Vital in every job, whether you're dealing with customers or colleagues, speaking in person, over the phone or by email.

Career paths: Financial analyst, human resources officer, salesperson

CRITICAL THINKING



In class: Evaluating information with a rational eye is key for any scientist, an essential step in forming a critical judgement.

At work: Gaining information and establishing how it is relevant to the task at hand is vital in all jobs which involve problem-solving.

Career paths: Counsellor, IT technician, physiotherapist

CURIOSITY



In class: You'll ask penetrating questions which help you see how the natural world fits together, aiding your understanding of the biosphere.

At work: Curiosity encourages you to proactively seek out better, more efficient ways of doing things and equips you to overcome challenges.

Career paths: Engineer, medical consultant, teacher

ORGANISATION



In class: A well-organised and logical approach will help you reach a deep understanding of the connections between different living things.

At work: A systematic approach enables you to juggle tasks and deadlines and respond to unexpected situations which arise in your work.

Career paths: Accountant, health visitor, journalist



WHERE CAN BUSINESS TAKE YOU?



ACCOUNTANCY

Over **840,000** people work in the UK accountancy industry. There are over 164,000 accountancy students in the UK and Ireland, with numbers increasing.

Career paths: Assistant accountant, assurance associate, financial controller



BANKING & FINANCE

Technology is becoming increasingly important across this industry – but **62% of employers say the digital skills gap is widening**, more than any other industry.

Career paths: Case handler, credit controller, payments negotiator



ENTREPRENEURSHIP

Globally, **entrepreneurs aged under 36 make more money on average** than any other age group. Over 25% of UK students run their own business or plan to set one up.

Career paths: Business owner, freelancer, social entrepreneur



RECRUITMENT & HR

The Recruitment & HR industry employs around 100,000 people and this is only **expected to increase in years to come**.

Career paths: Graduate recruiter, recruitment consultant, training manager



ADVERTISING & MARKETING

Almost 200,000 people work in Advertising & Marketing in the UK. **Jobs increased by a third between 2011 and 2016.**

Career paths: Business development, events manager, marketing manager



CONSULTANCY

In the future, consultants with skills and knowledge in IT and technology, data analysis, digital marketing and cyber security **will be in demand**.

Career paths: Business consultant, data analyst, management consultant



IT & THE INTERNET

People with qualifications in Information Technology have **one of the highest rates of employment in the UK**.

Career paths: IT analyst, network manager, software architect

WANT MORE CAREERS ADVICE?



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5 WORK SKILLS BUSINESS WILL GIVE YOU



COMMERCIAL AWARENESS



In class: You'll learn about different kinds of business and develop an understanding of the business environment and its impact on individual companies.

At work: Many employers seek out people with business savvy who understand how their work relates to the commercial environment they operate in.

Career paths: Management accountant, retail buyer, stockbroker

CRITICAL THINKING



In class: You'll learn how to methodically analyse data, selecting and interpreting relevant details in context to assess the health of a company.

At work: Critical thinking enables us to systematically reach accurate, objective judgements, vital in fields such as engineering, medicine and technology.

Career paths: Civil engineer, medical consultant, software developer

DECISION MAKING



In class: You'll learn how to consider different factors – like data, ethics and available resources – when making business decisions.

At work: Most jobs require decision making but some – such as in logistics or management – are based on the ability to make good decisions.

Career paths: Digital marketer, entrepreneur, supply chain manager

PEOPLE SKILLS



In class: You'll learn about techniques managers use to coordinate staff as well as the importance of relationships between colleagues and customers.

At work: In client-facing roles such as recruitment consultancy or customer service, the ability to strike up a rapport is vital.

Career paths: Customer service agent, recruitment consultant

TIME MANAGEMENT



In class: Studying requires you to juggle coursework projects alongside revision, and in business you will learn why employers value this ability.

At work: Every job will require you to hit deadlines for your boss or client and is essential for freelancers working for customers.

Career paths: Car mechanic, journalist, public relations officer



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WHERE CAN CHEMISTRY

TAKE YOU?



ENERGY & UTILITIES

Today, about 500,000 people work in the energy sector. But with the demand for green energy growing, **by 2020 half a million people could be working in renewables alone.**

Career paths: Geochemist, mudlogger, renewable energy engineer



FAST CONSUMER GOODS

Online grocery shopping is **expected to increase by 68% between 2016 and 2021.** This means that new e-commerce jobs will be created to match the growing demand.

Career paths: Food scientist, market research, quality controller



MEDICINE & HEALTHCARE

The UK healthcare industry **employs over four million people**, making it one of the biggest employment sectors. Four of the five highest average graduate salaries are in fields related to medicine.

Career paths: Doctor, nurse, optician



SCIENCE & RESEARCH

Between 2016 and 2023, jobs in science and research will grow at twice the rate of other industries, creating 142,000 new jobs. **One in every six jobs will be in science and research.**

Career paths: Lab scientist, pharmacologist, research and development



ENGINEERING

The proportion of young engineers has dropped over the last decade. This means there will be **high demand for younger workers** in the coming years.

Career paths: Chemical engineer, civil engineer, nuclear engineer



MANUFACTURING

The manufacturing sector employs around three million people and **accounts for 9% of employment in the UK.** That's a lot of jobs!

Career paths: Manufacturing manager, stock control manager



RECRUITMENT & HR

The Recruitment & HR industry employs around 100,000 people and this is only **expected to grow in the future.**

Career paths: HR officer, recruitment consultant, training manager

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5 WORK SKILLS CHEMISTRY WILL GIVE YOU



ANALYSIS



In class: Chemists analyse the chemical makeup of substances to establish what elements are present in what quantities.

At work: Data analysis is a distinct discipline which spans many unconnected fields of work from meteorology to finance.

Career paths: Engineer, market analyst, pharmacist

ATTENTION TO DETAIL

In class: Successful chemistry is based on precision and accuracy. Correctly setting up experiments and taking down results with care are crucial.

At work: Jobs in science are dependent on this skill, as are fields which interface with the public, such as public relations or social media.



Career paths: Anaesthetist, food manufacturing engineer, proofreader

COLLATING



In class: When you carry out experiments, you will bring together your results, observations and chemistry know-how to draw conclusions.

At work: Collating is important in research-based jobs which rely on the collection of different data sources to build an overall picture.

Career paths: Food manufacturer, journalist, software tester

INVESTIGATION



In class: You will figure out why things are the way they are by asking insightful questions and carrying out methodical, systematic investigation.

At work: Many professionals explain the unexplained and work out how to respond – from forensic scientists to vets to cybersecurity specialists.

Career paths: Doctor, forensic scientist, police detective

PRESENTATION



In class: You will present findings from your research and experiments to your classmates and teacher through a presentation or written report.

At work: Many jobs require you to present work to your colleagues or management, or pitch proposals to clients.

Career paths: Account manager, market researcher, project manager



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WHERE CAN COMPUTER SCIENCE



TAKE YOU?



ACCOUNTANCY

Over **840,000** people work in the UK accountancy industry. There are over 164,000 accountancy students in the UK and Ireland, with numbers on the rise.

Career paths: Chartered accountant, financial controller, forensic accountant.



CONSULTANCY

In the future, consultants with skills and knowledge in IT and technology, data analysis, digital marketing and cyber security **will be in demand**.

Career paths: Business analyst, management consultant, tech consultant.



ENTREPRENEURSHIP

Globally, **entrepreneurs aged under 36 make more money on average** than any other age group. Over 25% of UK students run their own business or plan to launch one.

Career paths: Business owner, freelancer, social entrepreneur.

EMPLOYER

INVESTMENT 20/20
See your future in finance
Part of The Investment Association

Investment20/20 is looking for tech-savvy applicants. With computer science you can become a key staff member of a successful investment management business.



BANKING & FINANCE

Technology is becoming increasingly important across this industry – but **62% of employers say the digital skills gap is widening**, more than any other industry.

Career paths: Asset manager, market data analyst, technology analyst.



ENGINEERING

The proportion of young engineers has dropped over the last decade. This means there will be a **high demand for younger workers** in the near future.

Career paths: Automation engineer, cloud engineer, software engineer.



IT & THE INTERNET

People with qualifications in information technology have **one of the highest rates of employment in the UK**.

Career paths: Cyber security analyst, games developer, technical solutions.

EMPLOYER



Jaguar Land Rover is creating technology to make driving smarter, safer and cleaner. Studying computer science gives you the core skills to help drive this revolution. On the company's apprenticeships, you'll learn how to apply your skills and knowledge as a digital technology professional.



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5 WORK SKILLS COMPUTER SCIENCE WILL GIVE YOU



CREATIVITY



In class: Computer science is filled with difficult problems, making the ability to think creatively to overcome obstacles a key skill.

At work: Creativity isn't confined to fields such as art and design and the creative industries but is crucial in engineering, technology and manual trades.

Career paths: 2D artist, game designer, technical writer.

DATA ANALYSIS



In class: You'll learn about different types of data, how they represent information, and how to use them for different purposes.

At work: With evermore data available, this is a valuable skill. Digital marketers must interpret web stats while salespeople provide clients with results.

Career paths: Account manager, meteorologist, social media officer.

LOGICAL THINKING



In class: You will learn to think in a methodical, step-by-step way and master data validation and verification techniques to create flawless algorithms.

At work: As well as computer programming, breaking problems into logical steps is useful in fields such as logistics, healthcare and manufacturing.

Career paths: Barrister, criminologist, healthcare consultant.

MATHEMATICAL SKILLS



In class: You'll use hard maths like Boolean algebra to create programs made up of algorithms – sets of instructions following mathematical rules.

At work: You'll use fundamental maths skills in areas such as IT and technology, engineering, architecture, data analysis and finance.

Career paths: Architect, data analyst, software engineer.



PROBLEM SOLVING



In class: Computer scientists think through the ways in which software systems could achieve a particular outcome and then write PC-friendly instructions.

At work: Many professionals frequently face big challenges, particularly in fields such as engineering, healthcare, technology, construction and logistics.

Career paths: Civil engineer, surgeon, urban planner.



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WAKE ME AT 6AM



WHERE CAN



DESIGN & TECHNOLOGY



TAKE YOU?



ADVERTISING & MARKETING

Almost 200,000 people work in Advertising & Marketing in the UK. **Jobs increased by a third between 2011 and 2016.**

Career paths: Account manager, market research, social media manager



ART & DESIGN

Over half a million people work as artists, designers, performers, musicians and craftspeople. More than half of artists in the UK have a degree, compared with a quarter of the whole population.

Career paths: Animator, graphic designer, sculptor



CONSTRUCTION

With almost 300,000 businesses trading in construction, this **sector accounts for 7% of all employment in the UK.** That's 2.3 million jobs.

Career paths: Conservation specialist, construction designer



ENGINEERING

The proportion of young engineers has dropped over the last decade. This means there will be a **high demand for younger workers** in the years to come.

Career paths: Design/research/structural engineer



IT & THE INTERNET

People with qualifications in information technology have **one of the highest rates of employment in the UK.**

Career paths: Games developer, network manager, web designer



MANUFACTURING

The manufacturing sector employs around three million people and **accounts for 9% of employment in the UK.** That's a lot of jobs!

Career paths: Manufacturing manager, quality assurance manager



SCIENCE & RESEARCH

Between 2016 and 2023, jobs in science and research will increase at twice the rate of other industries, creating 142,000 new jobs. **One in every six jobs will be in science and research.**

Career paths: Data/modelling scientist, renewable energy researcher

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5 WORK SKILLS DESIGN & TECHNOLOGY WILL GIVE YOU



CREATIVITY



In class: In class you will learn how to be creative in your original work and in how you adapt and repurpose existing designs.

At work: Creativity helps you find solutions to seemingly impossible problems like reaching new audiences in marketing or improving teaching aids.

Career paths: Teacher, social media officer, software engineer

IT



In class: You'll be using digital tools throughout the design process, from computer-aided design (CAD) to computer-aided manufacturing (CAM) and virtual modelling.

At work: You will learn technical skills with this software which are applicable to engineering.

Career paths: CAD engineer, product designer, web developer

METHODICAL THINKING

In class: You'll learn about the steps involved in the design process, from research to design proposal to prototype to final product.

At work: Methodical working is essential for all design professionals, including fashion, graphic, interior and web designers.

Career paths: Animator, fashion designer, interior designer



PROBLEM SOLVING



In class: We design things to overcome problems. You'll learn how to come up with innovative solutions to the problems you identify.

At work: Whether you're a logistics manager or an electrician, the ability to work out the most efficient solution to a problem is vital.

Career paths: IT technician, plumber, product designer



COLLABORATION



In class: You will work on projects in small groups, discussing ideas and possible solutions before working together to create a design and build a prototype.

At work: Whether you are a scientist, artist, musician, tradesperson or even a freelance creative, teamwork is an essential skill in every job.

Career paths: Customer service agent, HR officer, nurse



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WHERE CAN DRAMA TAKE YOU?



LIVE AT THE APOLLO



ADVERTISING, MARKETING & PUBLIC RELATIONS

Almost 200,000 people work in Advertising & Marketing in the UK. **Jobs increased by a third between 2011 and 2016!**

Career paths: Graphic designer, press officer, social media officer



EDUCATION & TEACHING

Primary school and nursery teachers have one of the **highest rates of job satisfaction** in the UK. Over 450,000 teachers work all across the UK.

Career paths: Acting coach, drama teacher, dance tutor



PERFORMING ARTS

Nearly 300,000 people work in the performing and visual arts industry. The number of jobs in this area has **increased by nearly a third** since 2011.

Career paths: Actor, choreographer, stage manager



SPORT & FITNESS

There are currently 431,000 people employed in the Sport & Fitness industry. The number of people employed in the industry has grown every year since 2013!

Career paths: Movement coach, dance instructor, personal trainer



ART & DESIGN

Over half a million people work as artists, designers, performers and craftspeople. More than half of artists in the UK have a degree – compared with a quarter of the whole population.

Career paths: Costume designer, animator, set designer



MEDICINE & HEALTHCARE

The UK healthcare industry **employs over four million people**, making it one of the largest employment sectors. Four of the five highest average graduate salaries are in fields related to medicine.

Career paths: Drama therapist, nurse, yoga teacher



PUBLISHING & MEDIA

The Publishing & Media industry employs 430,000 people. Jobs in film, TV, video, radio and photography are growing rapidly, with **17% more jobs now than in 2011.**

Career paths: Film and TV critic, screenwriter, film director

WANT MORE CAREERS ADVICE?



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5 WORK SKILLS DRAMA WILL GIVE YOU



COMMUNICATION

In class: You and your classmates will share creative ideas to develop live performances and express your dramatic roles powerfully on stage.

At work: You may need to articulate your opinions to colleagues, present research or results to managers or deal with customer queries.

Career paths: Teacher, social media officer, software engineer



CREATIVITY

In class: You'll learn interpretative skills to help you approach the texts you study and perform with an inventive eye.

At work: Creativity is useful in seemingly science-based jobs like engineering or technology, helping you innovate your way through tough problems.

Career paths: Architect, graphic designer, software engineer



DECISION MAKING

In class: You'll make creative decisions about how to bring texts to life on stage, from setting and costume to how you interpret characters.

At work: Data, research, money and circumstances are all factors you will consider in fields such as construction, logistics, finance and management.

Career paths: Business consultant, HR officer, supply chain manager



PRESENTATION

In class: You'll learn performance techniques including projection, intonation, rhythm and inflection and how to perform as part of ensemble.

At work: Presentation skills are vital for advertising executives, barristers, teachers and jobs in which you will address colleagues or the public.

Career paths: Lecturer, performer, salesperson



TEAMWORK

In class: You'll learn how actors, costume designers, sound and lighting engineers and directors cooperate to create a successful live performance.

At work: You'll collaborate with people in a range of specialisms, whether in the performing arts or in an office, hospital, lab or factory.

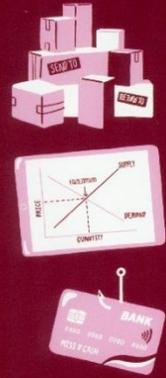
Career paths: Actor, lab technician, surgeon



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WHERE CAN ECONOMICS TAKE YOU?



ACCOUNTANCY

Over **840,000** people work in the UK accountancy industry. There are over 164,000 accountancy students in the UK and Ireland, with numbers on the rise.

Career paths: Chartered accountant, management accountant, tax associate

ADVERTISING & MARKETING

Almost 200,000 people work in Advertising & Marketing in the UK. **Jobs increased by a third between 2011 and 2016.**

Career paths: Engagement manager, PR executive, SEO specialist

BANKING & FINANCE

Technology is becoming increasingly important across this industry – but **62% of employers say the digital skills gap is widening**, more than any other industry.

Career paths: Bond trader, finance assistant, research analyst

CONSULTANCY

In the future, consultants with skills and knowledge in IT and technology, data analysis, digital marketing and cyber security **will be in demand.**

Career paths: Business/management/technology consultant

INSURANCE & PENSIONS

The UK insurance industry employed nearly **280,000 people in 2016** – that's almost a **third of all financial services jobs.**

Career paths: Financial researcher, pension fund manager, risk manager

PUBLIC SECTOR

The public sector – which includes NHS hospitals, state schools, local councils and the police – **employs more than five million people** across the UK. That's over 17% of the workforce.

Career paths: Economist, government relations analyst, policy advisor

SCIENCE & RESEARCH

Between 2016 and 2023, jobs in science and research will grow at twice the rate of other industries, creating 142,000 new jobs. **One in every six jobs will be in science and research.**

Career paths: Data scientist, political scientist, research analyst

WANT MORE CAREERS ADVICE?

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5 WORK SKILLS ECONOMICS WILL GIVE YOU



COMMUNICATION

In class: You will learn how to share complex findings with different audiences using well-reasoned, critical essays and presentations.

At work: The ability to explain challenging ideas to audiences with different levels of understanding is important in fields such as sales and pharmaceuticals.

Career paths: Healthcare consultant, marketer, software engineer

DATA ANALYSIS

In class: You will learn about primary and secondary sources, qualitative and quantitative data as well as how to find, collate and interpret information.

At work: Data analysis is used in a growing range of professions as data – especially “big data” – is becoming more readily available.

Career paths: Scientist, social media officer, user experience researcher

DECISION MAKING

In class: Economics helps people make sound decisions in business, finance and politics, providing an intellectual and analytical toolkit to influence choices.

At work: The ability to combine and balance different factors in decisions is vital in fields such as finance, business, construction and policymaking.

Career paths: Civil servant, finance officer, politician

NUMERACY

In class: You'll learn how to use fractions, percentages, ratios, graphs and charts and how to calculate cost, revenue and profit.

At work: The advanced skills you develop in economics will help you in fields such as accountancy, finance, economics, analysis and business.

Career paths: Data analyst, economist, finance officer



PROBLEM SOLVING

In class: You'll learn how to apply economic models to real-life situations and how to use this information to overcome social and commercial problems.

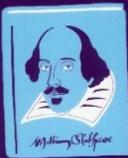
At work: Problem solving is especially useful in fields which seek to find radical new solutions or overcome big challenges.

Career paths: Electrician, engineer, pharmaceutical researcher

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WHERE CAN ENGLISH

TAKE YOU?



ADVERTISING & MARKETING

Almost 200,000 people work in Advertising & Marketing in the UK. **Jobs increased by a third between 2011 and 2016.**

Career paths: Consumer insight manager, copywriter, PR officer

ART & DESIGN

Over half a million people work as artists, designers, performers, musicians and craftspeople. More than half the artists in the UK have a degree – compared with a quarter of the whole population.

Career paths: Art auctioneer, gallery curator, interior designer

EDUCATION

Primary school and nursery teachers have one of the **highest rates of job satisfaction** in the country. There are more than 450,000 teachers across the UK.

Career paths: English teacher, private tutor, university lecturer

LAW

Around 90% of law graduates find work and/or further study within six months of graduation. There's also a demand for those with knowledge in online law.

Career paths: Intellectual property lawyer, paralegal, solicitor

RECRUITMENT & HR

The Recruitment & HR industry employs around 100,000 people and this is only **expected to grow in years to come.**

Career paths: HR officer, recruitment consultant, training manager

PUBLISHING & MEDIA

The Publishing & Media industry employs 430,000. Jobs in film, TV, video, radio and photography are growing rapidly, with **17% more jobs now than in 2011.**

Career paths: Features writer, journalist, manuscript assistant

EMPLOYER



Aon is looking for apprentices with excellent written and verbal communication skills who can manage relationships with clients. Strong skills gained from studying English will help Aon's clients to engage their staff by creating exciting and valuable benefits packages.

WANT MORE CAREERS ADVICE?



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5 WORK-SKILLS ENGLISH WILL GIVE YOU



COMMUNICATION



In class: You'll learn about the effect different styles, linguistic devices and techniques can have on an audience and the importance of context.

At work: Many workers deal with a range of colleagues and customers. Good communication helps us use appropriate style and language for the audience.

Career paths: Content writer, customer service agent, salesperson

CREATIVITY



In class: You'll produce original writing including fiction and nonfiction, using different forms, styles and tones for differing audiences.

At work: Creativity is a vital skill for journalists, authors and other writers, but also graphic designers and artists, engineers and tradespeople.

Career paths: Copywriter, journalist, software engineer

CRITICAL THINKING



In class: You'll study the different approaches you can take to literary analysis in order to form a complete and nuanced critical judgement.

At work: Critical thinking is essential in roles where you need to form a balanced, accurate judgement, such as healthcare and social services.

Career paths: Counsellor, finance officer, social worker

ESSAY WRITING



In class: You will learn how to present your ideas in a logical and coherent way, using evidence to support your opinions.

At work: An important skill not only for journalists and writers but for anyone who needs to communicate information through reports.

Career paths: Content writer, financial analyst, research scientist

TEXTUAL ANALYSIS



In class: You'll identify how form, structure and language contribute to the effect of a text, and how writers make stylistic choices.

At work: This is essential for journalists and critics but also those in the business of writing texts, such as copywriters, speechwriters and scriptwriters.

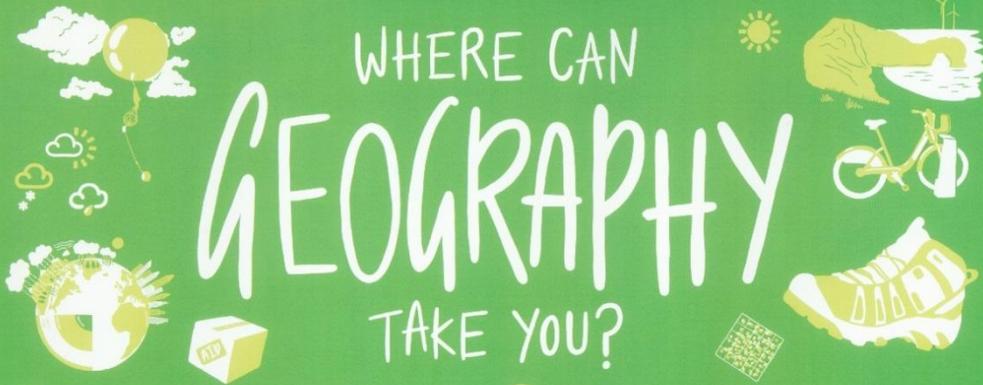
Career paths: Content writer, film critic, journalist



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WHERE CAN GEOGRAPHY TAKE YOU?



AGRICULTURE

This sector employs over 350,000 people across the UK. Although core agricultural roles are expected to drop by 2030, **many new jobs will be created in 'agri-tech'**.

Career paths: Ecologist, farmer, food scientist

EDUCATION

Primary school and nursery teachers have one of the **highest rates of job satisfaction** in the UK. There are more than 450,000 teachers working across the UK.

Career paths: Careers advisor, secondary school teacher, teaching assistant

INVESTMENT MANAGEMENT

Technology is becoming increasingly important across this industry – but **62% of employers say the digital skills gap is widening**, more than any other industry.

Career paths: Human resources, investment manager, IT, marketing

SCIENCE & RESEARCH

Between 2016 and 2023, jobs in science and research will grow at twice the rate of other industries, creating 142,000 new jobs. **One in every six jobs will be in science and research.**

Career paths: Geo-technologist, renewable energy researcher

CONSULTANCY

In the future, consultants with skills and knowledge in IT and technology, data analysis, digital marketing and cyber security **will be in demand.**

Career paths: Cost consultant, logistics analyst, transportation consultant

ENERGY & UTILITIES

Today, about 500,000 people work in the energy sector. But with the demand for green energy growing, **by 2020 half a million people could be working in renewables alone.**

Career paths: Geotechnical engineer, surveyor, water consultant

PUBLIC SECTOR

The public sector – which includes NHS hospitals, state schools, local councils and the police – **employs more than five million people** across the UK. That's over 17% of the workforce.

Career paths: Environmental officer, planning officer, transport planner

EMPLOYER

INVESTMENT 20/20
See your future in finance
Part of The Investment Association

Investment20/20 want candidates who are good at analysing and presenting data. Studying geography helps you build these skills, which are crucial for a successful career in investment management.

5 WORK SKILLS GEOGRAPHY WILL GIVE YOU



CRITICAL THINKING

In class: You will learn to scrutinise the data in front of you and combine different information sources to reach a balanced judgement.

At work: Thinking through the reliability, relevance and applicability of data is important in roles from criminology to science to policymaking.

Career paths: Data analyst, forensic scientist, research scientist

DATA ANALYSIS

In class: You will collect and interpret numerical data, crowd-sourced information, texts and official statistics, examining it in the context of the issue.

At work: Data analysis is an essential skill in fields such as finance, marketing, business, policymaking, management, insurance and accountancy.

Career paths: Actuary, epidemiologist, meteorologist

IT

In class: You will learn to use digital tools to collect, store, process and analyse information, from spreadsheets to analytics software.

At work: Confidence with digital tools and IT equipment is highly sought after, especially as technology becomes a bigger part of working life.

Career paths: Accountant, environmental officer, town planner

RESEARCH

In class: You'll learn about qualitative and quantitative data, primary and secondary sources, and when different data collection techniques are used.

At work: Market researchers, analysts and entrepreneurs need to work with different data sources for original research and reliable information.

Career paths: Content writer, journalist, market analyst

TEAMWORK

In class: You'll work on group projects, modifying your own ideas as you listen to those of others, and splitting the workload collectively.

At work: Teamwork is essential, whether you're in a department with a shared specialism or providing expertise in a particular field.

Career paths: Civil engineer, council tax officer, research assistant



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WHERE CAN HISTORY TAKE YOU?



CONSULTANCY

In the future, consultants with skills and knowledge in IT and technology, data analysis, digital marketing and cyber security **will be in demand**.

Career paths: Business/cost/management consultant

EDUCATION

Primary school and nursery teachers have one of the **highest rates of job satisfaction** in the country. There are more than 450,000 teachers across the UK.

Career paths: Bursar, historian, university lecturer

HOSPITALITY & TOURISM

Tourism is the UK's fastest-growing sector. It's also the **third largest employer**, accounting for nearly one in 10 jobs in the UK.

Career paths: Hotel manager, museum researcher, tour guide

INVESTMENT MANAGEMENT

Technology is becoming increasingly important across this industry – but **62% of employers say the digital skills gap is widening**, more than any other industry.

Career paths: Human resources, investment manager, IT, marketing

LAW

Around 90% of law graduates find work and/or further study within six months of graduation. There's also a demand for those with knowledge in online law.

Career paths: Barrister, magistrate, solicitor

PUBLIC SECTOR

The public sector – which includes NHS hospitals, state schools, local councils and the police – **employs more than five million people** across the UK. That's over 17% of the workforce.

Career paths: Civil servant, policy officer, social worker

PUBLISHING & MEDIA

The Publishing & Media industry employs 430,000. Jobs in film, TV, video, radio and photography are growing rapidly, with **17% more jobs now than in 2011**.

Career paths: Editor, journalist, project manager

EMPLOYER

INVESTMENT 20/20
See your future in finance
Part of The Investment Association

History can help you understand the importance of research and how to spot the key information. Meticulous research is a big part of working in the investment management industry.



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5 WORK SKILLS HISTORY WILL GIVE YOU



COMMUNICATION

In class: You will present your work in tightly argued, well-supported essays and present your opinions and conclusions in discussions with classmates.

At work: Although essential in all jobs, communication is particularly valuable in roles which involve frequent interaction with clients and colleagues.

Career paths: Sales advisor, social media officer, team leader

CRITICAL THINKING

In class: You will assess the content, reliability and relevance of primary and secondary sources to build a picture of historical events.

At work: Assessing the reliability of sources is crucial across fields, from law and criminology to journalism, policy, marketing, science and research.

Career paths: News reporter, policy officer, solicitor

DEBATING

In class: You will combine evidence, close reasoning and rhetorical techniques to present persuasive arguments and deliver compelling conclusions.

At work: Essential for those who need to persuade their audience to a point of view, including barristers, journalists, critics, salespeople and advertisers.

Career paths: Blog writer, marketing officer, music critic

RESEARCH

In class: You will explore and select primary and secondary sources, assess their reliability and resolve tensions between conflicting evidence.

At work: Those working in fields such as social work, the law, journalism and publishing must be expert at identifying relevant information.

Career paths: Editor, market researcher, social worker



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WHERE CAN LANGUAGES TAKE YOU?



ADVERTISING & MARKETING

Almost 200,000 people work in Advertising & Marketing in the UK. **Jobs increased by a third between 2011 and 2016.**

Career paths: Event planner, market research, sales executive

BANKING & FINANCE

Technology is becoming increasingly important across this industry – but **62% of employers say the digital skills gap is widening**, more than in any other industry.

Career paths: Institutional sales, retail banker, sales trader

EDUCATION

Primary school and nursery teachers have one of the **highest rates of job satisfaction** in the country. Over 450,000 teachers work in the UK.

Career paths: English as foreign language teacher, languages teacher

HOSPITALITY & TOURISM

Tourism is the UK's fastest-growing sector. It's also the **third largest employer**, accounting for nearly one in 10 jobs in the UK.

Career paths: Tour guide, translator, travel agent

LAW

Around 90% of law graduates find work and/or further study within six months of graduation. There's also a demand for those with knowledge in online law.

Career paths: Barrister, paralegal, solicitor

PUBLISHING & MEDIA

The Publishing & Media industry employs 430,000. Jobs in film, TV, video, radio and photography are increasing rapidly, with **17% more jobs now than in 2011.**

Career paths: Broadcast assistant, presenter, subtitler

SOCIAL CARE

Social workers, care workers and other social care professionals help vulnerable children and adults in a vast field which **employs over 1.8 million people** across the country.

Career paths: Care home assistant, support worker, youth worker

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5 WORK SKILLS LANGUAGES WILL GIVE YOU



ADAPTABILITY



In class: Learning a new language involves adapting your brain to new ways of thinking, leading to open-mindedness and flexibility.

At work: Adapting to changing situations is particularly important in fast-moving environments such as business, healthcare or government.

Career paths: Civil servant, finance officer, nurse

COMMUNICATION



In class: You will practise with a partner in class, using body language and careful listening skills to improve your confidence, vocabulary and grammar.

At work: Whether with colleagues or customers, attentive listening skills and awareness of body language are key to good professional relationships.

Career paths: Counsellor, GP, HR officer

CRITICAL THINKING



In class: In learning about another society and culture, you will question your assumptions, prejudices and what you think of as "normal".

At work: Evaluating different sources and viewpoints to get to the truth is important in fields such as journalism and the law.

Career paths: Barrister, investigative journalist, social worker

INDEPENDENCE



In class: You'll learn to work on your own with diligence as you develop your vocabulary and learn grammatical rules.

At work: Some jobs require the discipline to work alone for long periods, such as writers, editors, traffic wardens and trades jobs.

Career paths: Copy editor, electrician, software engineer

PROBLEM SOLVING



In class: You won't always be able to recall the phrase you need, so you'll have to think creatively to express yourself clearly.

At work: Engineers, technology professionals and medical scientists specialise in finding creative solutions to problems that have yet to be overcome.

Career paths: Animator, civil engineer, research scientist



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WHERE CAN MATHS TAKE YOU?



ACCOUNTANCY

Over **840,000** people work in the UK accountancy industry. There are over 164,000 accountancy students in the UK and Ireland, with numbers growing.

Career paths: Auditor, forensic accountant, tax accountant

BANKING & FINANCE

Technology is becoming increasingly important across this industry – but **62% of employers say the digital skills gap is widening**, more than any other industry.

Career paths: Analyst, retail banker, stockbroker

ENGINEERING

The proportion of young engineers has dropped over the last decade. This means there will be **high demand for younger workers** in the coming years.

Career paths: Mechanical engineer, quantity surveyor, software engineer

INSURANCE & PENSIONS

The UK insurance industry employed nearly **280,000 people in 2016** – that's almost a **third of all financial services jobs**.

Career paths: Actuary, fund manager, underwriter

IT & THE INTERNET

People with qualifications in information technology have **one of the highest rates of employment in the UK**.

Career paths: A.I. programmer, forensic technology associate

EMPLOYER

GSK do more feel better live longer

GSK needs strong problem-solvers with great analysis and logical reasoning skills, from scientists and engineers to finance analysts. Studying maths is a sure way to develop these skills.

EMPLOYER

AON Empower Results®

Aon needs apprentices with analytical and numerical skills to assess and predict risk across a range of areas, from life expectancy to natural catastrophe. Maths will enable you to decipher and interpret complex information, to model risk and plan for the future.

EMPLOYER

JAGUAR LAND ROVER

The problem solving and core skills you learn in maths can be applied to develop engineering or digital technology to make driving smarter, safer and cleaner. On Jaguar Land Rover apprenticeships you'll learn how to use these skills as an engineer or digital technology professional.



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5 WORK SKILLS MATHS WILL GIVE YOU



DATA ANALYSIS

In class: You'll use diagrams, graphs, tables and charts to explore datasets and look for trends or outliers within that data.

At work: Data analysis enables us to identify trends in fields such as medical research, climate science and meteorology, commerce and science.

Career paths: Epidemiologist, marine biologist, market analyst

NUMERACY

In class: In class you will develop numeracy through the study of statistics and by working with numbers within maths problems.

At work: Whether you are a financial trader or an accountant, a receptionist or a nursery nurse, confidence with numbers is a sought-after skill.

Career paths: Plumber, retail buyer, tree surgeon

PRESENTATION

In class: You'll learn to explain your calculations and observations clearly in simple language, presenting ideas, numbers, equations and diagrams.

At work: Presenting complex information in an easy-to-understand way is useful in almost every field, from consultancy and science to sales and marketing.

Career paths: Business consultant, management accountant

PROBLEM SOLVING

In class: Central to maths is the process of working through problems in a logical way, using the problem-solving toolkit the study of maths provides.

At work: Many roles require systematic problem solving using tried and tested methods while others benefit from creative thinking.

Career paths: Artist, civil engineer, software tester



STATISTICAL SAMPLING

In class: You'll learn how to use sampling techniques to collect and analyse data and how to present statistics in different visual forms.

At work: Statistics inform commercial decisions as well as social and economic policy and enable us to accurately analyse scientific findings.

Career paths: Civil servant, climate scientist, economist



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WHERE CAN MUSIC TAKE YOU?

ADVERTISING, MARKETING & PUBLIC RELATIONS

Almost 200,000 people work in Advertising & Marketing in the UK. **Jobs increased by a third between 2011 and 2016!**

Career paths: Jingle writer, voice artist, video editor

ART & DESIGN

Over half a million people work as artists, designers, performers and craftspeople. More than half of artists in the UK have a degree – compared with a quarter of the whole population.

Career paths: Set designer, costume designer, make-up artist

EDUCATION & TEACHING

Primary school and nursery teachers have one of the **highest rates of job satisfaction** in the UK. Over 450,000 teachers work all across the UK.

Career paths: Corporate trainer, lecturer, primary school teacher

ENTREPRENEURSHIP

Globally, entrepreneurs aged under 36 **make more money on average than any other age group**. Over 25% of UK students run their own business or plan to set one up.

Career paths: Freelance music tutor, self-employed composer

HOSPITALITY & TOURISM

When it comes to jobs, tourism is the UK's fastest-growing sector. It's also the **third largest employer**, accounting for nearly one in 10 jobs in the UK.

Career paths: Entertainer, musician, tour guide

PERFORMING ARTS

Nearly 300,000 people work in the performing and visual arts industry. The number of jobs in this area has **increased by nearly a third** since 2011.

Career paths: Musician, sound engineer, lighting designer

PUBLISHING & MEDIA

The Publishing & Media industry employs 430,000 people. Jobs in film, TV, video, radio and photography are growing rapidly, with **17% more jobs now than in 2011**.

Career paths: Music journalist, radio presenter, score composer



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5 WORK SKILLS MUSIC WILL GIVE YOU



COMPOSITION



In class: You will learn how to create a composition by developing, extending and manipulating musical ideas from scratch and also to a set brief.

At work: In fields such as editing and writing, media, interior design and product design, professionals turn their ideas into fully formed products.

Career paths: 2D artist, content writer, graphic designer

CREATIVITY AND IMAGINATION



In class: You'll apply your imagination to develop ideas, work with existing compositions, or perform compositions in an original and sympathetic way.

At work: In fields like graphic design or digital marketing, you will use creativity to develop impactful ideas which are new and distinct.

Career paths: Architect, artist, web designer

CRITICAL THINKING



In class: You will learn to form a judgement about a composition by considering its genre, purpose and how it compares to similar pieces.

At work: Jobs that require rapid judgements drawing on detailed technical knowledge and confident decision making are dependent on critical thinking.

Career paths: Health visitor, IT support technician, lawyer

TEAMWORK



In class: You will learn to play alongside fellow musicians, giving suggestions and taking on board feedback from other instrumentalists.

At work: From hospital teams to sports clubs, every field involves an element of teamwork to make the most of the skills of different individuals.

Career paths: Athlete, planning officer, surgeon

TECHNICAL SKILLS



In class: You will perform and compose music on instruments, using the voice or with musical software, reading musical notation and applying control.

At work: Workers in skilled jobs learn or are trained in the tricks of the trade, from software engineers and carpenters to teachers and performers.

Career paths: Joiner, session musician, teacher



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WHERE CAN PHYSICAL EDUCATION TAKE YOU?



ADVERTISING, MARKETING & PUBLIC RELATIONS

Almost 200,000 people work in Advertising & Marketing in the UK. **Jobs increased by a third between 2011 and 2016!**

Career paths: Events planner, salesperson, public relations officer

EDUCATION & TEACHING

Primary school and nursery teachers have one of the **highest rates of job satisfaction** in the UK. Over 450,000 teachers work all across the UK.

Career paths: PE teacher, personal trainer, sports coach

MEDICINE & HEALTHCARE

The UK healthcare industry **employs over four million people**, making it one of the largest employment sectors. Four of the five highest average graduate salaries are in fields related to medicine.

Career paths: Sports therapist, physiotherapist, dietician

SPORT & FITNESS

There are currently 431,000 people employed in the Sport & Fitness industry. The number of people employed in the industry has grown every year since 2013!

Career paths: Sports person, sports journalist, lifeguard

CONSULTANCY

In the future, consultants with skills and knowledge in IT and technology, data analysis, digital marketing and cyber security **will be in demand**.

Career paths: Sports consultant, business consultant, coach

ENTREPRENEURSHIP

Globally, entrepreneurs aged under 36 **make more money on average than any other age group**. Over 25% of UK students run their own business or plan to set one up.

Career paths: Freelance sports journalist, sports consultant

RECRUITMENT & HR

The Recruitment & HR industry employs around 100,000 people and this is only **expected to grow in years to come**.

Career paths: Employability skills trainer, recruitment consultant

WANT MORE CAREERS ADVICE?



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5 WORK SKILLS PHYSICAL EDUCATION WILL GIVE YOU



COMMUNICATION

In class: In your school sports team, you'll plan tactics together then use verbal and non-verbal cues to communicate during gameplay.

At work: Good communication is key to making the most of everybody's input and getting information across to colleagues and customers.

Career paths: Customer service agent, district nurse, sports person

LEADERSHIP

In class: You'll learn different ways to motivate and coordinate teammates in a competitive sports setting and take the initiative at crucial points.

At work: As well as equipping you for management roles – in sports and other fields – leadership can help inspire and give confidence to colleagues.

Career paths: Manager, sports coach, supervisor

MOTIVATION

In class: You'll learn about motivation and how to motivate different people. You'll cover achievement motivation and achievement goal theory.

At work: Being able to motivate people is useful in many jobs, whether you're working in business or healthcare.

Career paths: Occupational therapist, manager, motivational speaker

TEAMWORK

In class: You'll learn to cooperate with teammates to ensure everyone is playing to their strengths and is supported by other team-members.

At work: Teams work best when everyone is contributing their strongest attributes and skills, and feels included and listened to.

Career paths: Performer, police officer, team leader

TIME MANAGEMENT

In class: A sports match is highly time dependent and you'll learn to adapt your priorities to where you are in the game.

At work: Many jobs are project-based or deadline focused, requiring you to plan how to produce high-quality work within the available time.

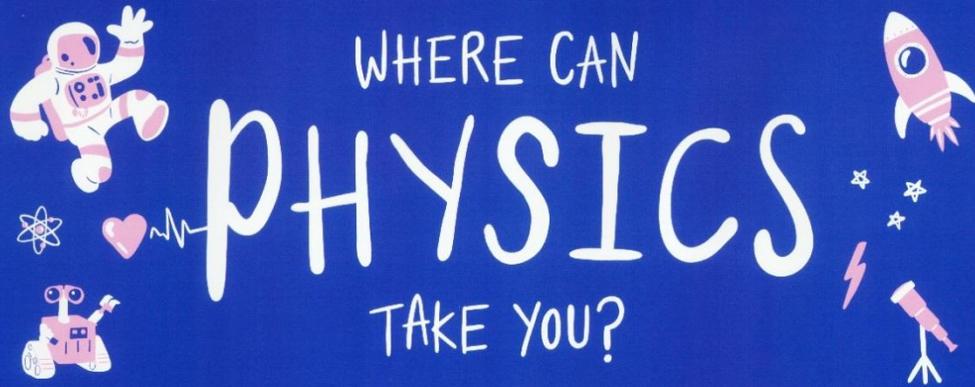
Career paths: Bid writer, project manager, therapist



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Sources: For source data please request the information by emailing info@successatschool.org



WHERE CAN PHYSICS TAKE YOU?

CONSTRUCTION

With almost 300,000 businesses trading in construction, this sector accounts for 7% of all employment in the UK. That's 2.3 million jobs.

Career paths: Architect, civil engineer, construction manager

ENERGY & UTILITIES

Today, about 500,000 people work in the energy sector. But with the demand for green energy growing, by 2020 half a million people could be working in renewables alone.

Career paths: Electrician, gas engineer, geoscientist, plumber

ENGINEERING

The proportion of young engineers has dropped over the last decade. This means there will be high demand for younger workers in the years to come!

Career paths: Electronic/mechanical/software engineer

IT & THE INTERNET

People with qualifications in information technology have one of the highest rates of employment in the UK.

Career paths: Cyber security analyst, database developer, games developer

SCIENCE & RESEARCH

Between 2016 and 2023, jobs in science and research will grow at twice the rate of other industries, creating 142,000 new jobs. One in every six jobs will be in science and research.

Career paths: Aerospace engineer, data scientist, modelling scientist

TRANSPORT & LOGISTICS

The UK transport industry employs 1.5 million people across the country. Over the next 10 years, 100,000 new workers will be required in rail alone.

Career paths: Air traffic controller, logistics analyst, mechanic, pilot

EMPLOYER **Cadent**

Cadent needs excellent problem solvers to keep gas flowing securely and sustainably across the UK. Physics can help you understand the science behind the gas network, and gives you the communication and analytical skills needed.

EMPLOYER **JAGUAR LAND ROVER**

At Jaguar Land Rover, the next generation of innovators will create groundbreaking technologies. Physics gives you the scientific understanding and creativity to come up with new ideas and be successful on the company's engineering apprenticeships.

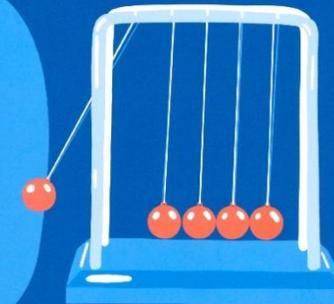


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5 WORK-SKILLS PHYSICS WILL GIVE YOU



COMMUNICATION

In class: You will learn to explain your findings verbally and in writing, and how to adapt your style for those less familiar with the field.

At work: Good communication with colleagues and customers is a must. A flair for it is essential in public-facing fields like advertising and teaching.

Career paths: Brand manager, science writer, teacher

CRITICAL THINKING

In class: You will evaluate how reliable others' conclusions are and identify bias, and also take a critical approach to your own work.

At work: Essential in fields which seek to find objective judgements, such as the law, criminology, social work, healthcare, medicine and policymaking.

Career paths: GP, health visitor, lawyer

DATA ANALYSIS

In class: You'll learn how to identify trends and patterns using data you have collected yourself and that gathered by others.

At work: Data analysis underpins fields such as insurance, risk management, meteorology and climate science and other predictive fields.

Career paths: Actuary, digital marketing manager, logistics manager

PROBLEM SOLVING

In class: You'll combine your physics knowledge with lab techniques to explore solutions to problems set by your teacher, through theory and practicals.

At work: This is useful in fields which seek to develop new innovations, such as medicine, engineering, science and research and manufacturing.

Career paths: Engineer, lab technician, marketing officer



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WHERE CAN PSYCHOLOGY TAKE YOU?

LET'S TALK

ANXIETY STRESS PUBLIC MENTAL HEALTH DEPRESSION

ADVERTISING & MARKETING

Almost 200,000 people work in Advertising & Marketing in the UK. **Jobs increased by a third between 2011 and 2016.**

Career paths: Brand manager, social media marketing, website analyst

LAW

Around 90% of law graduates find work and/or further study within six months of their graduation. There is also a demand for law graduates with good knowledge of online law.

Career paths: Intellectual property lawyer, paralegal, solicitor

PUBLIC SECTOR

The public sector – which includes NHS hospitals, state schools, local councils and the police – **employs more than five million people** across the UK. That's over 17% of the workforce.

Career paths: Civil servant, policy advisor, social researcher

SOCIAL CARE

Social workers, care workers and other social care professionals help vulnerable children and adults in a vast industry which **employs over 1.8 million people** across the UK.

Career paths: Care home assistant, support worker, youth worker

CHARITY & NOT-FOR-PROFIT

Many charity and not-for-profit organisations offer opportunities to work overseas helping others. Charities employ 827,000, over **2.5% of the UK's workforce.**

Career paths: Funding coordinator, helpline worker, policy researcher

MEDICINE & HEALTHCARE

The UK healthcare industry **employs over four million people**, making it one of the largest employment sectors. Four of the five highest average graduate salaries are in fields related to medicine.

Career paths: Cognitive neuroscience research, psychiatrist, psychologist

RECRUITMENT & HR

The Recruitment & HR industry employs around 100,000 people and this is only **expected to grow in years to come.**

Career paths: Business psychologist, graduate recruiter, training manager

WANT MORE CAREERS ADVICE?



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5 WORK SKILLS PSYCHOLOGY WILL GIVE YOU



CRITICAL THINKING

In class: You will learn to use proven methods to test your own and others' hypotheses in a logical and objective way.

At school: Jobs in science, research, technology and medicine involve rigorous, logical development and testing of theories.

Career paths: Electrical engineer, medical researcher

DATA ANALYSIS

In class: You will learn about primary and secondary, qualitative and quantitative data and study methods for interpreting data you or others have collected.

At work: As data becomes more readily available, this is a sought-after skill not just for researchers, but in fields such as marketing and sales too.

Career paths: Financial analyst, marketing manager, research scientist

REASONING

In class: You'll learn to use logic to think through and explain the things you see around you in a rational and objective way.

At work: Reasoning is useful in scientific pursuits and technology-based fields but also in areas such as marketing, sports and even journalism.

Career paths: Climate scientist, physiotherapist, psychologist

RESEARCH

In class: You will study research methods and learn to develop your own techniques for designing and carrying out your own research.

At work: You may conduct studies in medicine and social science or search for relevant information in cyber security, journalism and content writing.

Career paths: Blogger, medical researcher, software engineer

TEAMWORK

In class: You will learn how people interact, providing useful insights into how you can work alongside others in a team.

At work: Most jobs involve group work. Supporting colleagues, recognising and encouraging strengths, is the best way to make the most of the team.

Career paths: Project manager, team leader, volunteer coordinator



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WHERE CAN

SOCIOLOGY

TAKE YOU?



My Family



ADVERTISING & MARKETING

Almost 200,000 people work in Advertising & Marketing in the UK. **Jobs increased by a third between 2011 and 2016!**

Career paths: Market research, PR executive, sales executive



CHARITY & NOT-FOR-PROFIT

Many charity and not-for-profit organisations offer opportunities to work overseas helping others. Charities employ 827,000, over **2.5% of the UK's workforce.**

Career paths: Funding coordinator, helpline worker, policy researcher



EDUCATION

Primary school and nursery teachers have one of the **highest rates of job satisfaction** in the country. There are more than 450,000 teachers across the UK.

Career paths: Careers advisor, nursery teacher, teaching assistant



LAW

Around 90% of law graduates find work and/or further study within six months of graduation. There is also a demand for law graduates with a good working knowledge of online law.

Career paths: Barrister, paralegal, solicitor



PUBLIC SECTOR

The public sector – which includes NHS hospitals, state schools, local councils and the police – **employs more than five million people** across the UK. That's over 17% of the workforce.

Career paths: Care assistant, civil servant, mental health support worker



RECRUITMENT & HR

The Recruitment & HR industry employs around 100,000 people and this is only **expected to grow in years to come.**

Career paths: HR assistant, recruitment resourcer, training manager



SOCIAL CARE

Social workers, care workers and other social care professionals help vulnerable children and adults in a vast industry which **employs over 1.8 million people** across the UK.

Career paths: Mental health care assistant, support worker, youth worker

WANT MORE CAREERS ADVICE?



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5 WORK-SKILLS SOCIOLOGY WILL GIVE YOU



ANALYSIS

In class: You will analyse the data, theories and concepts found in past research – as well as your own – and develop your own methodology.

At work: In fields such as medicine, data analysis and the trades, you must be able to select relevant, reliable information to form conclusions.

Career paths: Data analyst, electrician, radiographer



COMMUNICATION

In class: You'll articulate what you've learnt through your primary and secondary research in essays, presentations, debates and discussions.

At work: Everyone must express themselves clearly to colleagues and the public, and be able to listen to and absorb information and instructions.

Career paths: Counsellor, customer service agent, reporter



CROSS-CULTURAL UNDERSTANDING

In class: You will learn how societal norms influence how people interact with others, helping you overcome bias and prejudice in your own outlook.

At work: Cultural sensitivity is important in today's global society and is particularly useful within large, country-spanning organisations.

Career paths: Foreign Office diplomat, project manager, social worker



RESEARCH

In class: You'll learn to carry out research using "research instruments" including surveys and interviews, and by analysing data others have collected.

At work: Useful in policy institutes and government departments as well as in fields like science and research, journalism and market research.

Career paths: Investigative journalist, market analyst, policy officer



TEAMWORK

In class: You will collaborate with others on joint projects, present to your classmates and listen to and incorporate their findings.

At work: Teamwork is a valuable asset in all roles and even the most independent job requires us to work with colleagues or clients.

Career paths: Graphic designer, radio presenter, sportsperson



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*If any time left, check out Ruth's story, load page and watch video on website (scroll to bottom of page) <https://guest.startprofile.com/role/2276>

Useful Websites:

<https://www.startprofile.com/>

<https://www.unifrog.org/>

<https://nationalcareers.service.gov.uk/>

<https://amazingapprenticeships.com/>

If you have any questions or queries please do not hesitate to speak with Mr Uddin (Careers Manager)



Before Making Your Decision



3 things to THINK about before making your choices:

- Think about the subjects you enjoy
- Think about the career you want to get into
- Think about your happiness and wellbeing

Please get in touch if you have any questions:

Email: careers@stepneyallsaints.school

Twitter: [@StepneyAScareer](https://twitter.com/StepneyAScareer)