

Year's 8 & 9 Choosing your GCSE Options



The future seems so far away.... it is important to think about how your subjects connect to your future career potential....



If you have a career in mind, what skills do you need to develop?



If you don't know what you want to do, what skills appeal to you: creative, logical problem solving, teamwork, leadership....?



Which subjects will help develop these skills?

Helping you decide... consider the following:

- What are your favourite subjects?
- Which subjects do you get good/ strong grades in?
- Which subjects do you learn best in?
- What are your least favourite subjects?
- Which subjects do you get low grades in?
- Which subjects do you struggle with?
- Do you have a career in mind?
- If so, what GCSE subjects will be helpful or you need to take?
- If not, with your favourite and best subjects, what possible careers could you do?
- Do you have any questions for your teachers?

Make good decisions

- **Consider your initial interests** and think about why this subject interests you?
- **Get further information.** Is it what you expected? Are you basing your decisions on reality?
- **Think about the potential of your options.** How will it help you in the future?

If you have career ideas does this subject help?

If you don't have any career ideas does this subject keep many careers open

- **Consider the pros and cons.** What are the good reasons to go for this subject and the reasons not to.

Which list is longer? Does this give you a decision?

Explore career ideas:



Career research: websites and on-line resources

National Careers Service



PROSPECTS

Careerpilot



Your personal network

Ask for help and support

- Older siblings/ friends
- Career adviser
- Older siblings/ friends
- Career adviser



History

Law and written/research-based careers

Geography

Can be helpful for science-based careers but also careers concerned with the issues that affect people and our planet

Religious Studies

Ethics & Philosophy – critical thinking & logical thought: law, education, politics or business

Art & Design

Graphic designer and games designer, fashion designer and even architect –**art or graphics or design technology** to build portfolio to study at A level/ 6th form

Drama

Helpful for performing arts, public speaking – business, government and politics, law, creative industries, teamwork and devising

Music

Performance, education, creative media and computer games, creative industries, teamwork and devising

Sport/ PE

Coaching, teaching, science-related careers, physiotherapy, psychology, leadership, team-work

Computing/ IT

Cyber security, high-tech companies, artificial intelligence. Develops logical planning, maths skills, programming and other technical skills.

Business

Business related careers such as marketing, HR, Finance, law, running your own business, further study – economics

Food Preparation & Nutrition

Combines food science, nutrition and healthy eating and can lead to careers designing food, working as a chef, working in the huge industry of food distribution or as a food nutritionist

Languages

Desired by many businesses and industries. Can be helpful for many careers

Science

To access many science based careers such as medicine, dentist, engineering, biochemist, marine biologist, even Psychology you need to get high grades at GCSE


Maths

Can lead to whole range of different careers and is essential for Science, Finance related careers, as well as some design related careers such as Architecture

English

Not just for poets! Journalists, lawyers, investigators, writers, advertising and marketing


English



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



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



RECRUITMENT & HR

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


Career paths: Features writer, journalist, manuscript assistant



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



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



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: HR officer, recruitment consultant, training manager


Transferable Skills

English is how we communicate, argue and persuade. It's used when speaking to clients on the phone, sending emails, writing social media posts and presenting in meetings.

Some of the skills include:

- Language analysis and effective use
- Creativity
- Negotiation
- Communication
- Cultural Sensitivity


Maths



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



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



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



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



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

Transferable Skills

Maths is used in everything from engineering and computing, to medicine and baking.

Some of the skills include:

- Problem Solving
- Logical Thinking
- Analysis
- Numeracy
- Presentation
- Statistics/Research

Try the Subject Choices Tool

Discover jobs that might suit you based on your subject choices:

<https://www.myworldofwork.co.uk/tools/subject-choices>

Languages



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



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



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



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



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



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



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

Transferable Skills

Languages is how we communicate with thousands spoken across the world. They provide cultural identity, related to a country's history, society, politics and art, and provides instant connection.

Some of the skills include:

- Listening
- Communication
- Resourcefulness & adaptability
- Critical thinking
- Leadership
- Independent learning
- Problem solving
- People skills and management



Choosing Engineering & Science

- Develop your knowledge and understanding of the world around you
- Gain experience of working in a team
- Develop your problem-solving skills
- Gain experience of working in a team
- Develop your communication skills
- Gain experience of working in a team
- Develop your problem-solving skills
- Gain experience of working in a team

Biology

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

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, fire person, 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

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

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

Transferable Skills

In Biology you study life, from the single-celled organism to the most complex and interconnected communities of organisms. Looking at how living things function, evolution and change. Some of the skills include:

- Design and Creativity of products, tools
- Research and forecasting
- Problem-solving/ finding solutions to a changing world
- Analysis
- Curiosity
- Drawing
- Attention to detail

Chemistry

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 a **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

Transferable Skills

Chemistry is behind major breakthroughs in medicine, power & energy and technology. Studying molecules that make up everything on the planet, their properties, structure and how they interact with each other. Some of the skills include:

- Mathematical problem solving
- Analysis, investigation & research
- Presentation
- Collation
- Critical Evaluation
- Attention to Detail

Physics

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

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

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

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

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

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

Transferable Skills

Physics is the study of matter and energy and how they interact.

Some of the skills include:

- Data analysis
- Mathematical problem solving
- Communication & Teamwork
- Research
- Attention to detail
- Critical Thinking

Business, Economics & IT

Creative Arts & Design Performing Arts

Social Sciences/Humanities

Geography

History

Psychology & Sociology

Design & Technology

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

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

INSURANCE & PENSION

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

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

Transferable Skills

Learn about organisations and the elements needed to function, budgets, policies, economies & markets, government. With IT fully integrated in everyday lives. Some of the skills include:

- Problem Solving & analysis
- Ethical Awareness
- Legal Acumen
- Creativity
- Commercial awareness

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

CONSTRUCTION

With almost 300,000 business 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

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

Transferable Skills

Learning creative skills in different disciplines with an array of media and tools from design to engineering, to performing. Some of the skills include:

- Creativity
- Confidence
- Project Management
- Collaboration
- Critical Evaluation
- Research
- Self-reflection
- Presentation & Oratory skills

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

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

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

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

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

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

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

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

Transferable Skills

Learning from understanding the world today, societies, behavior, science of the natural world and evolution in society, laws & governments. Some of the skills include:

- Listening & reasoning
- Adaptability
- People skills & relationships
- Critical Thinking & problem solving