



# Malton School

A Specialist Science School

Stronger For Being  One

## Careers in the curriculum

### Mathematics

The logical thinking, problem-solving and decision-making skills you learn while studying Maths can lead to careers in IT, finance, engineering, or teaching.

### Job Opportunities

Jobs related to Maths directly:

- Accountant
- Astronomer
- Data Analyst and/or Scientist
- Secondary School Teacher
- Statistician
- Software Engineer
- Investment analyst

Jobs where Maths is useful:

- Financial trader
- CAD technician
- Insurance underwriter
- Meteorologist
- Palaeontologist
- Game designer
- Software tester
- Quantity surveyor



### 7 Essential Data Analyst Skills



### Typical employers

Mathematicians and statisticians are in demand across a range of sectors and employment opportunities including:

- Engineering
- Education
- IT
- NHS
- Finance and banking
- Space science and astronomy

## English

Skills gained through English are marketable in the majority of job sectors.

### Job opportunities

Jobs related to English directly:

- Magazine or Newspaper journalist
- Writer
- Editor or Editorial assistant
- Proof-reader



Jobs where English is useful:

- Librarian
- Archivist
- Social media manager
- Primary school teacher
- Learning mentor
- Public relations officer



### Typical Employers

Opportunities are available across a range of public, private and charity sectors, including:

- Advertising/Marketing and PR
- Administration
- Research
- Retail
- Tourism
- Finance
- Education



## Science

Science jobs can see you working in a variety of diverse settings.

### Job opportunities

- Analytical chemist
- Animal technician
- Astronomer
- Biomedical scientist
- Pharmacist
- Crime scene investigator
- Forensic scientist
- Meteorologist
- Microbiologist
- Research science
- Doctor, Nurse, Physiotherapist
- Engineering
- Toxicologist



### Job sectors

- Communication and outreach
- Medical sales
- Consultancy
- NHS
- Publishing
- Manufacturing and production
- Education
- Funding and administration
- Recruitment
- Pharmaceuticals



## History

History allows for different skills that can be used in a variety of sectors including Museums, Teaching and Accountancy.

### Job opportunities

Jobs related to History directly:

- Archivist
- Museum curator, exhibitions officer or education officer
- Academic researcher
- Heritage worker
- Secondary school teacher

Jobs where History is useful:

- Librarian
- Archaeologist
- Marketing executive
- Solicitor
- HR officer
- Policy officer
- Politician's assistant



### Typical employers

History is valued by a large range of employers and organisations including heritage organisations, museums and libraries.

- Banks
- Accountancy firms
- Charities
- Archive and records offices
- Law firms
- Schools
- Retailers
- Television and radio broadcasters

## Geography

Geography can lead into a variety of careers including environmental consultancies and planning departments.

### Job opportunities

Jobs related to Geography directly:

- Cartographer
- Data analyst
- Town planner
- Environmental consultant
- Geographical information systems officer
- Marketing executive

Jobs where Geography is useful:

- Construction manager
- Landscape architect
- Palaeontologist
- Transport planner
- Nature conservation officer

### Typical employers

Geography allows for transferable skills that attract employers from the business, law and finance sectors.

- Charities
- Armed forces
- Civil service
- Utility companies
- Environmental consultancies and protection agencies
- Ministry of defence
- Policed service





## Information Technology

There are numerous career opportunities linked to IT, the sector continues to grow and there are soon to be links to all career areas.

### Job opportunities

Jobs related to Information Technology directly:

- Business Analyst
- Cyber Security
- Forensic computer analyst
- IT manager
- Data Analyst
- Games developer
- IT consultant, sales professional or trainer
- Network engineer
- Web developer or designer
- Software engineer or tester
- Machine learning engineer

Jobs where Information Technology is useful:

- Border Force officer
- Estimator
- Web content manager

### Typical employers

There are opportunities in any organisation that uses IT facilities. The variety and number of employers is vast.

- Government
- Education
- NHS
- Charities
- Media



## Modern Foreign Languages

Language skills can be used in most careers often in businesses that trade internationally.

### Job opportunities

Jobs related to Modern Foreign Languages directly:

- Translator
- Interpreter
- Secondary school teacher

Jobs where Modern Foreign Languages are useful:

- Detective
- Diplomatic service officer
- International aid/development worker
- Distribution manager
- Tour manager

### Typical employers

Careers become available in areas that trade or offer services internationally or to non-English speaking customers or suppliers.

- Business services
- Engineering
- Media
- Teaching
- Transport and Logistics
- Tourism
- Museum and Libraries
- Charity work



## Art and Design

The creative sector continues to be one of the fastest growing sectors. These subjects allow for learning very valuable skills.

### Job opportunities

Jobs related to Art and Design directly:

- Art therapist
- Animator
- Conservator
- Designer jewellery
- Fine artist
- Exhibition designer
- Graphic designer
- Illustrator
- Make-up artist
- Photographer
- Production designer
- Stylist

Jobs where Art and Design are useful:

- Artworker
- Arts administrator
- Jewellery designer
- VFX artist
- Interior designer

### Typical employers

This sector is not always straightforward. Roles can include Artist, school activities, hospital work and project work on a short-term basis.





## Drama

Careers can be theatre and performance based and can include performing, support, direction and presenter. You will need to be adaptable, enterprising and persistent to succeed.

### Job opportunities

Jobs related to Drama directly:

- Actor
- Dancer
- Drama therapist
- Music therapist
- Musician
- Teaching
- Theatre director or manager

Jobs where Drama is useful:

- Arts administrator
- Choreographer
- Media researcher
- Special effects technician
- Talent agent



### Typical employers

To work in a job based around Drama you will need to be resilient and proactive, roles are competitive and not usually permanent. Organisations include:

- Education
- Arts organisations
- Media companies
- Hospitality
- Leisure organisations



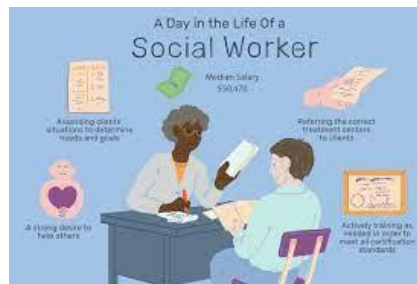
## Health and Social Care

Health and Social care helps you develop the skills to follow a career in health, social care, leisure or education. There are lots of career opportunities in various sectors.

### Job opportunities

Jobs related to Health and Social Care directly:

- Care worker
- Childminder
- Family support worker
- Foster carer
- Housing officer
- Residential worker
- Social care worker
- Social worker
- Youth worker
- Cognitive behavioural therapist
- Counsellor
- Nutritionist
- Speech and Language therapist



Jobs where Health and Social Care is useful:

- Adult nurse
- Dental hygienist, technician or therapist
- Personal trainer
- Occupational therapist
- Special educational needs coordinator



### Typical employers

There are numerous opportunities available within the public sector, voluntary sector and private sector for careers.

- NHS
- Local authority
- Social services
- Education

## Food Technology

Skills can be used to support employment within a range of areas, work experience is vital for careers within this sector.

### Job opportunities

Jobs related to Food Technology directly:

- Chef
- Catering manager
- Conference or events manager
- Fast Food restaurant manager
- Holiday rep
- Hotel manager
- Restaurant manager



Jobs where Food Technology is useful:

- Cabin crew
- Customer service manager
- Health service manager
- Retail manager
- Tourism officer



### Typical employers

There are employment opportunities available in the range of areas.

- Airlines
- Bars and pubs
- Events venues
- Hotel chains
- Cruise ships
- Restaurants

## Sport and Exercise

A variety of careers are available within the sports industry and include working with children, athletes or the general public.

### Job opportunities

Jobs related to sport and exercise directly:

- Personal trainer
- Teacher
- Exercise Physiologist
- Sports coach
- Sports therapist
- Sports development officer

Jobs where sport and exercise is useful:

- Choreographer
- Clinical and cardiac sciences
- Health improvement practitioner
- Nutritionist
- Sports physiotherapist
- Outdoor activities manager
- Sport and exercise psychologist

### Typical employers

Jobs are available within the public, private and not-for-profit sectors.

- Professional sport clubs/teams
- National sporting associations
- Private health and fitness clubs
- Local authorities
- Education
- Health sectors
- NHS



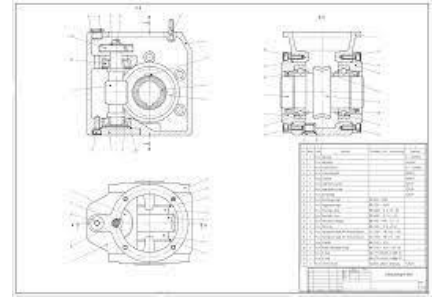
## Design and Technology

Design and Technology provides a broad theoretical knowledge and practical skillset required to create new products.

### Job opportunities

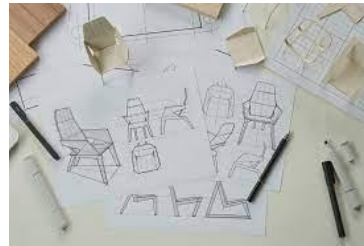
Jobs related to Design and Technology directly:

- CAD technician
- Clothing technologist
- Exhibition designer
- Furniture designer
- Interior designer
- Product designer



Jobs where Design and Technology is useful:

- Advertising art director
- Automotive engineer
- Furniture restorer
- Graphic designer
- Procurement manager
- Production designer
- Stylist



### Typical employers

Private sector work could include manufactured products. Public sector may involve designing interactive facilities and equipment used by services such as the police, fire and ambulance.

- Industrial and domestic product manufacturers
- Car manufactures
- Point of sale designers
- Retailers