





Key Stage 4 Pathways Booklet

2023-2025



The Orme Academy, Milehouse Lane, Wolstanton, Newcastle under Lyme, Staffordshire ST5 9JU ☐ 01782 742900

office@toa.shaw-education.org.uk

www.theormeacademy.org.uk



Dear Students, Parents and Carers,

Choosing a pathway for your Key Stage 4 studies is an important decision that you are about to make. This is exciting yet can sometimes be quite a daunting experience. Please do not panic, we are here to make the process straightforward and to help you make suitable decisions. We will share the necessary information that you need to make informed choices about the next stage of your education.

This booklet is your guide to our Key Stage 4 Curriculum, inside you will find the course content details for all subjects that are currently being offered for study in September 2023. We are delighted to have significantly broadened our curriculum offer to allow students to choose from a wider range of subjects.

Our Academy ethos of 'Empowering Learners for Life' is fundamental to the development of our Key Stage 4 curriculum offer. We firmly believe that students should have greater flexibility with their preferences rather than following the previous model of selecting subjects from a pre-determined block. We have therefore developed a new curriculum model which allows this greater flexibility for our students.

In addition to the core subjects (English, Mathematics, Science, Physical Education, PSHE and Enrichment), students will study an additional 4 subjects. One subject *must* be either, Separate Sciences (class teachers will discuss student suitability for this), French, Geography or History. Students will then have a 'free choice' and will rank order 5 additional subjects that they would like to study and will be allocated with 3 of these.

It is important that students make the right choice for them, they have already had the opportunity to participate in taster sessions for each optional subject and our pathways evening also includes an additional opportunity for students, parents and carers to meet with subject specialists and engage in further discussions about the GCSE and vocational subjects on offer.

Our Pathways Evening is on **Tuesday 7th March.** We will start with a short presentation in the main hall at 6:00pm which will give you more information about the pathways process and next steps for completing the preference form. You will then have the opportunity to discuss KS4 preferences with the subject staff from each department and view some of the work produced by our current KS4 students.

Please read this booklet in detail as it provides the necessary information to support you with making informed decisions. Further support and links to useful resources are also available on the Curriculum and Key Stage 4 Pathways page of our Academy website.

Good luck with your decisions and please do not hesitate to contact us if there is anything that we can do to help!

Yours sincerely,

Mrs C Woolley

Assistant Principal





Key Stage 4 Curriculum (2023-2025)

Core Subjects

All students will study English, Maths, Science, Physical Education, PSHE and Enrichment.

Optional Subjects

Students will also study 4 'optional' subjects.

At least one of these subjects must be from either **Separate Science***, **French**, **Geography or History**.

*Students must agree with their teacher that separate science is a suitable pathway before selecting this as one of their preferences

The remaining 3 subjects can be from any of the following subjects. Students are asked to rank order 5 of these to allow some flexibility with designing the curriculum model. They will only study 3 and where possible, the highest preference subjects will be used.

GCSE Business Studies
WJEC Vocational Award in Construction
OCR Cambridge National Creative iMedia

OCR Cambridge National Creative iMedia GCSE Design & Technology

GCSE Art

GCSE Food Preparation & Nutrition

GCSE French

GCSE Geography

OCR Cambridge National Certificate in Health & Social Care

GCSE History

GCSE Music

WJEC Vocational Award in Performing Arts

GCSE Photography

GCSE Physical Education**

GCSE Religious Studies

GCSE Separate Science

OCR Cambridge National Sports Studies**

BTEC Travel & Tourism

^{**}Due to GCSE PE and OCR Sports Studies having similar content, the students are only allowed to study one of these subjects to ensure that they have a broad and balanced curriculum.





Important Information

Before completing the Pathways Preference Form, please ensure that you have done the following:

- Read the Pathways and Careers Guide for parents on our Academy website.
- Viewed all subject course content videos (available via this <u>link</u> on our Academy website)
- Read the course content details for each subject in this booklet.
- Discussed your preferences with class teachers and your parents/carers.
- Consider the career and post 16 pathway that you are interested in. Have you done your research to see if there are any specific entry requirements?
- Consider whether you are thinking of going to university, are there specific qualifications that you need to have?

Further Support

If you have any queries or would like to discuss anything further, please contact any of the following members of staff:

Subject specific enquiries – please contact the relevant class teacher or Head of Department (contact details can be found in this booklet, representatives from each department will be available at our Pathways Evening on **Tuesday 7**th **March 6:00pm**.

Career Enquiries – Please contact Janet Kemp, our Academy Careers Adviser if you have any career or post 16 related gueries.

janet.kemp@entrust-ed.co.uk

Pastoral Support – Please contact Miss Wood (Head of Year 9) if you require any pastoral support.

stephanie.wood@toa.set.org

Pathways Process – Please contact Mrs Woolley (Assistant Principal) for any other queries.

claire.woolley@toa.set.org

The following links from Careers Page from the Academy website also provide a lot of useful information to support with your decision making.

Post 16 Pathways Information

Labour Market Information

Careers Research

Information for Parents/Carers





Contents

Core Subjects	Page
GCSE English Language and English Literature	7
GCSE Mathematics	10
GCSE Combined Science: Trilogy	12
Optional Subjects	
GCSE Art Craft and Design	15
GCSE Business Studies	17
WJEC Vocational Award in Construction	19
OCR Cambridge National Creative iMedia	21
GCSE Design and Technology	23
GCSE Food Preparation and Nutrition	26
GCSE French	28
GCSE Geography	30
OCR Cambridge National Health and Social Care	32
GCSE History	34
GCSE Music	36
WJEC Vocational Award in Performing Arts	38
GCSE Photography	40
GCSE Physical Education	42
GCSE Religious Studies	44
GCSE Separate Science (Biology, Chemistry and Physics)	46
OCR Cambridge National Sport Studies	50
BTEC Travel and Tourism	52







Key Stage 4
Core Subjects





AQA GCSE English Language and English Literature

Course Content

Students will study both English Language and English Literature, two separate GCSE courses. The specifications covered are AQA 8700 (Language) and 8702 (Literature). The specifications are designed to inspire and motivate students, providing appropriate stretch and challenge whilst ensuring that the assessment and texts are, as far as possible, accessible to all students.

English Language:

The course will enable students of all abilities to develop the skills they need to read, understand and analyse a wide range of different texts covering the 19th, 20th and 21st century time periods as well as to write clearly, coherently and accurately using a range of vocabulary and sentence structures. At the end of the course they will sit two equally balanced papers where they are required to relate what they have read to the topic and theme of writing tasks.

Moreover, students will draw upon a range of texts as reading stimulus and engage with creative as well as real and relevant contexts. Students will have opportunities to develop higher-order reading and critical thinking skills that encourage enquiry into different topics and themes. This course will also ensure that students can read fluently and write effectively. Students will be able to demonstrate a confident control of Standard English and write grammatically correct sentences, using figurative language and analysing texts.

English Literature:

Students will study a range of texts including a Shakespeare play, a 19th Century novel, a modern text written after 1914 (which may be either drama or prose) and a cluster of poetry. They will answer questions on each of these elements in the exam and will also be expected to comment on an unseen poem. They will develop skills of comprehension and inference as well as being able to read critically. Students will evaluate a writer's choice of vocabulary, grammatical and structural features while analysing and comparing texts on various themes. They will need to be able to write in a clear and coherent manner for a range of purposes using accurate Standard English, spelling, punctuation and grammar.

Course Assessment

English Language:

- Paper 1 Explorations in Creative Reading and Writing Written Exam: 1 hour 45 minutes (80 marks 50% of GCSE)
- Paper 2 Writers' Viewpoints and Perspectives Written Exam: 1 hour 45 minutes (80 marks – 50% of GCSE)
- Non examination assessment: Spoken Language (Marked by teacher separate endorsement on the certificate.)

English Literature:

- Paper 1 Shakespeare and the 19th Century Novel Written exam: 1 hour 45 minutes (64 marks – 40% of GCSE)
- Paper 2 Modern Texts and Poetry Written exam: 2 hours 15 minutes (96 marks 60% of GCSE)





Progression/ Careers Information	A GCSE grade 5 or above in English is a requirement for the majority of Post 16 courses/careers. This specification offers excellent preparation for A Level Courses in English Language, English Literature, or the combined Language/Literature course.
Additional Information	For further information, please contact Mr Nelson (Head of Department). <pre>chris.nelson@toa.set.org</pre> For further content specific information, please visit: AQA English GCSE English Language AQA English GCSE English Literature Please click here to view the English subject video.







English

Administration, business, legal

Admin assistant

Barrister

Civil service executive officer

Indexer

Information officer

Librarian

Secretary

Solicitor

PR, marketing and advertising

Advertising account executive

Advertising copywriter

Marketing executive PPC specialist

Public relations officer

Social media manager

Important for most iobs

Writing and publishing

Author

Book, magazine or

newspaper editor

Copywriter

Editorial assistant

Journalist

Publishing copy-editor

Sub-editor

Technical author

Web content manager

Performing arts

Arts administrator

Actor

Media researcher

Screenwriter

TV presenter

Useful in everyday

Other

Archivist

Bookseller

English as a foreign language teacher

Primary school teacher

Private tutor

Secondary school teacher

Translator



Gatsby Benchmarks









AQA GCSE Mathematics

Course Content

Whilst studying GCSE Mathematics students will develop fluent knowledge, skills and understanding of mathematical methods and concepts. Students will have the opportunity to acquire, select and apply mathematical techniques to solve problems, as well as being able to reason mathematically, make deductions and inferences and draw conclusions. Finally, students will comprehend, interpret and communicate mathematical information in a variety of forms appropriate to the information and context.

Students will cover a wide variety of content within GCSE mathematics, depending on their tier of entry they will study varying degrees of depth within each topic, however there will be an element of crossover materials. Topics covered by all students are as follows:

Number Operations and Integers, Fractions, Decimals and Percentages, Indices and Surds, Approximation and Estimation, Ratio, Proportion and Rates of Change, Algebra, Graphs of Equations and Functions, Basic Geometry, Congruence and Similarity, Mensuration, Probability, Statistics.

Course Assessment

GCSE Mathematics has a Foundation tier (grades 1-5) and a Higher tier (grades 4-9). Each student will be entered at the tier most suited to their ability. Learners will take all three papers for the appropriate tier in the same series. Each tier has three examinations which are externally assessed by AQA.

- Paper 1 non calculator Written Exam: 1 hour 30 minutes (80 marks 33⅓% of GCSE)
- Paper 2 calculator Written Exam: 1 hour 30 minutes (80 marks 331/3% of GCSE)
- Paper 3 calculator Written Exam: 1 hour 30 minutes (80 marks 33½% of GCSE)

Each paper consists of a mix of question styles, from short, single-mark questions to multi-step problems. The mathematical demand increases as a student progresses through the paper.

Progression/ Careers Information

GCSE Mathematics at grade 5 is a prerequisite qualification for many college courses as well as apprenticeship routes. This specification offers excellent preparation for A Level Courses in Maths, Core Maths and Further Maths.

Additional Information

For further information, please contact Miss Bashton (Head of Department).

deborah.bashton@toa.set.org

For further content specific information, please visit:

AQA | Mathematics | GCSE | Mathematics

Please click <u>here</u> to view the maths subject video.







Maths

Business and finance

Accountant

Accounting technician

Actuary

Auditor

Bank manager

Banking customer service adviser

Bookkeeper

Credit controller

Economist

Financial adviser

Financial trader

Insurance broker

Insurance underwriter

Investment analyst

Payroll administrator

Pensions adviser

Stockbroker

Tax adviser

Good skills in numeracy are required by:

Air cabin crew

Call centre operator

CNC machinist

Construction tradespeople such as joiners, plasterers and bricklayers

Electrician

Engineering operative/technician

Plumber

Restaurant manager

Sales assistant

Stock control assistant

Teaching assistant

Waiting staff

Careers using high level maths include:

Architect

Data analyst

Data scientist

Engineer (all types)

Ergonomist

Meteorologist

Operational researcher

Quantity surveyor

Research scientist (maths)

Secondary school teacher

Software engineer

Statistician

Systems analyst

University lecturer

Most jobs require some ability in maths









AQA GCSE Combined Science: Trilogy

2 GCSE grades in Science

Course Content

Students will study Biology, Chemistry and Physics as a double award worth two GCSE's. The specification covered is AQA 8463. The course is designed to engage and challenge students to reach their scientific potential.

Biology

- 1. Cell biology
- 2. Organisation
- 3. Infection and response
- 4. Bioenergetics
- 5. Homeostasis and response
- 6. Inheritance, variation, and evolution
- 7. Ecology

Chemistry

- 8. Atomic structure and the periodic table
- 9. Bonding, structure, and the properties of matter
- 10. Quantitative chemistry
- 11. Chemical changes
- 12. Energy changes
- 13. The rate and extent of chemical change
- 14. Organic chemistry
- 15. Chemical analysis
- 16. Chemistry of the atmosphere
- 17. Using resources

Physics

- 18. Energy
- 19. Electricity
- 20. Particle model of matter
- 21. Atomic structure
- 22. Forces
- 23. Waves
- 24. Magnetism and electromagnetism

Course Assessment

There are six papers: two biology, two chemistry and two physics. Each exam is 1hr 15 minutes long and all are equally weighted.

Progression/ Careers Information

Ideal for all career pathways as Trilogy Science develops skills and knowledge that is needed in all aspects of life.

Additional Information

For further information please speak to Mrs Woodall (Head of Department).

charlotte.woodall@toa.set.org

For further content specific information please visit: AQA | Science | GCSE | Combined Science: Trilogy

Please click <u>here</u> to view the science subject video.







Science

Applied science and technology

Architect Botanist

Colour technologist

Ecologist

Engineer

Food technologist

Geoscientist

Materials scientist

Metallurgist

Sports scientist

Technical brewer

Textile technologist

Vet

Zoologist

Practical jobs where science is useful

Beauty therapist

Electrician

Electronics engineering technician

Fingerprint officer

Hairdresser

Plumber

Sterile services technician

Textile machinery technician

Water treatment worker

All
primary
school
teachers
need science
GCSE

Also look at the Career Ideas leaflets for Biology, Chemistry and Physics

Scientific research and laboratory work

Animal technician Biologist

Biomedical scientist

Chemist

Forensic scientist

Geneticist

Laboratory technician

Meteorologist

Pharmacologist

Physicist

Research scientist

Toxicologist

Healthcare

Dental nurse

Dentist

Doctor

Healthcare assistant

Healthcare scientist

Midwife

Nurse

Optometrist

Paramedic

Physiotherapist

Radiographer

Useful for many jobs













Key Stage 4 Optional Subjects





AQA GCSE Art Craft and Design

Course Content

The qualification features a wide range of titles including art, craft and design, fine art, graphic communication, textile design, three-dimensional design, and photography. The flexibility of its design means that the course can be tailored to the students' interests and strengths. This qualification encourages students to reconsider the world around them and develop their work in an individual way from their own experiences. It encourages experimental attitudes and develops a wide range of practical skills.

Course Assessment

This is a well-balanced course with a strong emphasis on practical making, with 60% of the overall weighting being coursework and 40% being exam based.

• Component 1: Coursework 60%

Teacher assessed and externally moderated at the end of Year 11 (mark out of 96)

Component 2: Externally Set Task 40%

Teacher assessed and externally moderated at the end of Year 11 (mark out of 96)

Total mark out of 192

The grade awarded is based on the overall mark gained from the two components.

Progression/ Careers Information

Students could progress to level three qualifications and such as:

BTEC and A Level courses available in Fine Art & Design, 3D Sculpture, Photography, Graphics, Textiles, Print Making and many more.

Many employers are impressed by Art qualifications because it shows many skills such, creativity, organisation, confidence, and independence.

Additional Information

Students need to complete at least one-hour extra study each week. This is essential if they wish to complete the course.

The Art Department offers a wide range of enrichment opportunities – extra-curricular clubs, visiting artists and trips to Higher Education institutions.

For further information, please speak to or email Miss Henshall-Smith (Head of Department) sarah.henshall-smith@toa.set.org

For further content specific information, please visit:

AQA | Art and Design | Subject content | Art, craft and design

Please click <u>here</u> to view the art and design subject video.







Art and Design

Design

Advertising art director
Architect
Ceramics designer
Exhibition designer
Fashion designer
Footwear designer
Furniture designer
Graphic designer
Interior designer
Product designer
Set designer
Textile designer
Web designer

Craft

Blacksmith
Florist
Furniture restorer
Glass maker
Jewellery designer/maker
Leather craftworker
Picture framer
Prop maker
Signwriter
Stonemason
Upholsterer

There is a lot of competition for jobs

You have to be VERY creative

Work experience is VERY important

Looking after art

Art gallery curator Art valuer Arts administrator Conservator Museum curator Picture restorer

Fine art

Animator Artist Illustrator Sculptor Technical illustrator



Other

Advertising art director
Art therapist
Chef
Hairdresser
Make-up artist
Photographer
Secondary school teacher
Tattooist
University lecturer
Visual merchandiser









OCR GCSE Business Studies

Course Content

This course has been developed to give students a range of skills in Business Studies. We cover a range of topics and where possible base the work on real life businesses. The course is comprised of two main units.

Unit 1: Business activity, marketing, and people within business

Unit 2: Business operations, finance, and influences on business

Business Studies has long been recognised as a desirable qualification whether entering the world of work or further education and is seen as a useful foundation for a place in the work-place or as an indication of the ability to study. It is the study of businesses in the real world and how employees, consumers and customers interact with the business world. The qualification is highly relevant to today's employment market and students practise and develop skills used in the workplace gaining a real insight into a range of sectors and industries.

Course Assessment

The course is comprised of two main units, both of which are written examinations at the end of the course.

- Unit 1 1hr 30 terminal examination worth 50% of the overall mark
- Unit 2 1hr 30 terminal examination worth 50% of the overall mark

Progression/ Careers Information

Students could progress to level three qualifications such as:

BTEC and A Levels in Business Studies, ICT, Business Management and Business Administration. Business Studies can lead to career opportunities in:

- Marketing
- Accounting
- Economics
- Higher management
- Teaching
- Self-employment

Additional Information

Please contact Mr Wilkinson (Head of Department) if you have any further questions.

steven.wilkinson@toa.set.org

For further content specific information, please visit:

GCSE - Business (9-1) - J204 (from 2017) - OCR

Subject video: https://vimeo.com/manage/videos/674936935







Business

Business services

Advertising account executive

Barrister's clerk

Business adviser

Business analyst

Business development manager

Business project manager

Charity fundraiser

Call centre manager

Customer services manager

Estate agent

Facilities manager

GP practice manager

Health and safety adviser

Human resources manager Investment analyst

Legal executive

Management consultant

Marketing executive

Office manager

Payroll administrator

Public relations officer

Purchasing manager

Retail manager

Road transport manager

Sales representative

Supply chain manager

Administration

Admin assistant

Car rental agent

Hotel reservations assistant

Human resources assistant

Import-export clerk

Receptionist

Civil service executive officer

Post Office customer service

assistant

Reprographic assistant

Secretary

Finance

Accountant

Accounting technician

Auditor

Bank manager

Banking customer service adviser

Bookkeeper

Credit manager

Financial adviser

Insurance broker

Insurance underwriter

Pensions adviser

Maths is an important subject for many jobs in business

Business and financial

services are

an important

part of the UK

economy

Companies large and small and public services need staff with admin and business skills









Eduqas L1&2 Award in Constructing the Built Environment

Course Content	The course provides the opportunity for work related learning. It will require students to develop a range of construction skills; Joinery, Plastering or Tilling and Painting and Decorating. It will also enable students to learn the skills required for independent learning and development, the ability to solve problems and the skills of project-based research. The qualification provides students with a broad appreciation of work in construction and the built environment and wider opportunities for progression into further education, employment, or training in the construction sector.
Course Assessment	 This course is assessed in 3 units of work; Unit 1- Understanding the built environment; 1-hour 30 external examination Unit 2 – Designing the built environment; internal controlled assessment Unit 3 – Constructing the built environment; internal controlled assessment Unit 1 is a mandatory requirement of the course and is worth 40%. 60% of the course is made up
	of the study of either unit 2 or 3. It is highly likely that we will study unit 2. Students could progress to level three qualifications such as:
Progression/ Careers Information	BTEC Construction and the Built Environment, Level 3 Diploma in Contracting operations, Level 3 Construction (bricklaying, joinery, plumbing, painting, and decorating)
	The construction industry also offers many opportunities for apprenticeships in bricklaying, joinery, plumbing, painting, and decorating.
Additional Information	Please be aware that the construction course is a blend of both theory and practical lessons. Students will need to be prepared to participate in all lessons. For further information, please contact Mr Jackson (Head of Design and Technology).
	matthew.jackson@toa.set.org
	For further content specific information, please visit: Level 1/2 Vocational Award in Construction and the Built Environment (eduqas.co.uk)
	Click <u>here</u> to view the construction subject video.







Construction

Practical trades

Bricklayer

Carpenter

Ceiling fixer

Construction plant operator

Demolition operative

Dry liner

Electrician

Gas mains layer

Glazier

Painter and decorator

Plasterer

Plumber

Road worker

Roofer

Scaffolder

Shoofitter

Stonemason

Tiler

Window fitter

Technical and management

Acoustics consultant/engineer

Architect

Architectural technician

Building control officer

Building surveyor

Civil engineer

Civil engineering technician

Construction manager

Estimator

Facilities manager

Quantity surveyor

Site engineer

Structural engineer

Some jobs will involve working outdoors

The
construction
industry
employs over 2
million people
in the UK

Related careers

Domestic energy assessor
Estate agent
Housing officer
Land and property valuer
Land surveyor
Landscaper
Minerals surveyor

Planning and development surveyor

Town planner











OCR Cambridge National Creative iMedia

Course Content

Cambridge National in Creative iMedia will inspire and equip students with the confidence to use skills that are relevant to the digital media sector and more widely. They'll design, plan, create and review digital media products to meet client and target audience demands.

Students will understand and apply fundamental principles and concepts of digital media. They will develop learning and practical skills that can be applied to real-life contexts and work situations. Students will be encouraged to think creatively, innovatively, analytically, logically, and critically. Finally, they will develop skills, independence and the confidence that would be relevant to pursuing a career in the media industry.

Course Assessment

Students will be assessed against four main objectives:

- Knowledge and understanding
- Application of knowledge and understanding
- Analyse and evaluate knowledge, understanding and performance
- Demonstrate and apply skills and processes relevant to the subject area.

Students will complete two portfolios of work 60% and one paper-based exam 40%.

Results are awarded on the following scale:

Level 2 - Distinction*- Distinction - Merit - Pass

Level 1 - Distinction - Merit - Pass

Progression/ Careers Information

Students could progress to level three qualifications and A Levels such as:

A Level Media Studies, Apprenticeship in Media and Broadcasting, Cambridge Technical Level 3, T Level Digital Production, Design and Development.

Creative i-Media can lead to careers in:

- Printed Media
- Marketing
- Web Design
- Digital Media

Additional Information

Please contact Mr Rowley if you have any further questions.

jamie.rowley@toa.set.org

For further content specific information, please visit:

Cambridge Nationals - Creative iMedia Level 1/Level 2 - J834 - OCR

Please click here for the iMedia subject video







Computer Science/ Information Technology

Using Information Technology

Business analyst CAD technician Data entry clerk Database administrator Digital marketer Information scientist Library assistant Pre-press operator Social media manager Technical author Web content editor Web content manager

Computer systems

Applications developer Cyber security analyst Forensic computer analyst Machine learning engineer Penetrations tester Security analyst Systems analyst Software developer Software engineer Technical architect

It is predicted that 90% of all jobs within the next 20 years will require some digital skills

According 72% of large companies and 49% of small and medium sized enterprises are suffering tech skill

Multimedia (music, graphics and video)

Computer games developer E-learning developer Multimedia programmer UX designer Web designer Web developer

Information Technology

IT consultant

IT project manager

IT security co-ordinator

IT service engineer

IT support technician

IT trainer

Network manager









Eduqas GCSE Design and Technology

Course Content

The GCSE Design and Technology qualification offers students the opportunity to learn about contemporary technologies, materials, and processes, as well as established designing practices.

GCSE Design and Technology places greater emphasis on understanding and applying iterative design processes. Students will use their creativity and imagination to design and make prototypes that solve real and relevant problems, considering their own and others' needs, wants and values.

Students will have the opportunity to work in the practical workshops and the design studios, as well as having access to a wide variety of CNC equipment and materials.

Course Assessment

The course consists of 2 units which each have a 50% weighting:

- 2 hour external examination with a variety of question styles that look at core technical principles, specialist technical principles and designing and making principles within the 21st century.
- Non-examined assessment: approximately 35-hour substantial design and make task, where students will create a portfolio and a prototype.

Progression/ Careers Information

Students could progress to a variety of level three qualifications such as:

- A Level Graphic Design or Product Design
- Technical Levels in Craft and Design
- Technical levels in design and development for engineering and manufacturing
- BTEC in Engineering
- Apprenticeships within the engineering sector

Additional Information

Please be aware that the GCSE D&T course is a blend of both theory and practical lessons. Students will need to be prepared to participate in all lessons.

For further information, please contact Miss Peacey (Teacher of Design and Technology)

esther.peacey@toa.set.org

For further content specific information, please visit:

GCSE Design and Technology | Eduqas

Click here to view the D&T subject video.







Design and Technology

Practical

Auto electrician

Blacksmith

Bookbinder

Carpenter

CNC machinist

Electrician

Furniture restorer

Glassmaker

Machine printer

Sheet metal worker

Signwriter

Upholsterer

Vehicle body repairer

Design

Advertising art director Architect Art editor

Exhibition designer

Furniture designer

Graphic designer Packaging technologist

Product designer

Set designer

Develop skills including logical thinking, problem solving and research

Also see the Career Ideas leaflets for Engineering and for Textiles

Engineering

Acoustics consultant

Aerospace engineer

Automotive engineer

CAD technician

Clinical engineer

Design and development engineer

Electrical engineer

Ergonomist

Materials engineer

Mechanical engineer

Paper technologist

Textiles

Textile designer

These jobs involve either product design and development or making and mending things

Clothing/textile technologist Costume designer Fashion designer Sewing machinist





Remember, it is important to study a broad and balanced range of subjects. For more information about different jobs, click on 'Explore careers' at https://nationalcareersservice.direct.gov.uk

Jobs with people

Dental technician Occupational therapist Orthoptist Prosthetist-orthitist Secondary school teacher



Gatsby Benchmarks







Engineering

Maintenance and repair

Domestic appliance service engineer Engineering maintenance technician

Forklift truck engineer

Heating and ventilation engineer

Lift engineer

Locksmith

Maintenance fitter

Motor mechanic

Office equipment service engineer

Rail engineering technician

Satellite engineer

Telecoms engineer

Textile machinery technician

19% of the UK's total workforce is employed in the engineering sector

Engineers work in transport, power, manufacturing, electronics, communications and healthcare

Design and development

Aerospace engineer

Automotive engineer

Biomedical engineer

Building services engineer

Chemical engineer

Civil engineer

Clinical engineer

Electrical engineer

Electronics engineer

Ergonomist

Marine engineer

Materials engineer

Mechanical engineer

Motorsport engineer

Naval architect

Nuclear engineer

Structural engineer

Manufacturing

Car manufacturing worker

Chemical plant process operator

CNC machinist

Electroplater

Food packaging operative

Foundry mould maker

Manufacturing systems engineer

Production manager

Production worker

Sheet metal worker

There are iobs at all levels: operative, craft, technician and professional











AQA GCSE Food Preparation and Nutrition

Course Content

GCSE Food Preparation and Nutrition is an exciting and creative course which focuses on practical cooking skills to ensure students develop a thorough understanding of nutrition, food provenance and the working characteristics of food materials.

Food preparation skills are integrated into 5 core topics:

- Food, Nutrition & Health looks at the main nutrients, why our bodies need them, and which foods contain them.
- Food Science this involves the study of how science affects food.
- Food Safety this will further develop themes covered in Key Stage 3.
- Food Choice why we make certain choices about food.
- Food Provenance covers issues such as food miles and food labelling.

Course Assessment

The course consists of 2 units:

• 1hr 45 external examination with a variety of question styles that look at the 5 core topics. (50%)

Non-examined assessment:

- Task 1 Food investigation assessed via a 1500-2000-word report (15%)
- Task 2 Food preparation assessed via practical tasks, presented as an electronic portfolio (35%)

Progression/ Careers Information

Students could progress to a variety of level three qualifications such as:

- BTEC L1-3 in Professional Cookery
- Diploma L1-3 Hospitality and Catering
- Diploma I1-3 in Professional Bakery
- Apprenticeships in Professional Bakery and Food Technology

Additional Information

Please be aware that the GCSE Food Preparation and Nutrition course is a blend of both theory and practical lessons. Students will need to be prepared to participate in all lessons, bringing ingredients to practical lessons.

For further information, please contact Mrs Sackett (Teacher of Food Preparation and Nutrition)

grace.sackett@toa.set.org

For further content specific information, please visit:

AQA | Food | GCSE | Food Preparation and Nutrition

Click here to view the Food and Nutrition subject video.







Food Preparation and Nutrition

Manufacturing

Brewery worker

Food factory worker

Food manufacturing inspector

Meat process worker

Product/process development scientist

Production manager

Quality manager

Technical brewer

Some jobs are NOT 9-5 Mon-Fri jobs

You need science qualifications for some of these careers

Hospitality and catering

Baker

Barista

Butcher

Cake decorator

Catering manager

Chef

Kitchen assistant

Restaurant manager

Street food trader

Scientific

Biochemist
Consumer scientist
Food scientist
Food technologist
Laboratory technician
Research scientist

There
are jobs at
all levels:
operative, craft,
technician and
professional

Other

Dietician

Environmental health officer Health promotion specialist Journalist

Marketing executive

Nutritional therapist

Nutritionist

Retail manager

Secondary school teacher



Gatsby Benchmarks









AQA GCSE French

Course Content

There are three distinct themes across the two year course, covering the following material:

Theme 1: Identity and culture - Me, my family and friends, Technology in everyday life, Freetime activities and Customs and festivals in French-speaking countries/communities.

Theme 2: Local, national, international and global areas of interest - Home, town, neighbourhood and region, Social issues, Global issues and Travel and tourism.

Theme 3: Current and future study and employment - My studies, Life at school/college, Education post-16, Jobs, career choices and ambitions.

Course Assessment

All four skills carry an equal weighting of 25% and are assessed via terminal exams at the end of Year 11.

- Paper 1: **Listening:** At Foundation tier, the listening paper is a 35 minute paper worth 40 marks. At Higher tier, the paper is 45 minutes and worth 50 marks. At both levels, there will be questions and answer in English AND the target language.
- Paper 2: Speaking: The paper consists of preparing a roleplay and a photo card followed by a general discussion which students prepare for 10 minutes. At Foundation tier, students are examined over 7-9 minutes. At Higher tier, the examination last 10-12 minutes.
- Paper 3: **Reading:** At both levels, the paper carries 60 marks. At Foundation tier, the paper is 45 minutes, at Higher tier the paper is 1 hour.
- Paper 4: **Writing:** At both levels, students complete translation and creative writing tasks. The Foundation tier paper lasts 1 hour, carrying 50 marks. The Higher tier paper lasts 1 hour 15 minutes and carries 60 marks.

Progression/ Careers Information

Students develop many skills through learning French that are also transferrable to other subjects. These range from communication and presentation skills, to resilience, problem solving and working independently.

Language skills are in demand in a wide variety of sectors, including those shown below:

- Translation and interpreting
- Education
- Tourism
- National intelligence and security
- Government, charity and international development

Additional Information

For further information, please contact Mrs Taylor (Head of MFL).

victoria.taylor@toa.set.org

For further content specific information, please visit:

AQA | Languages | GCSE | French

Please click <u>here</u> to view the French subject video.







Modern Languages

Teaching

Primary or secondary school teacher Private tutor Teaching English as a foreign language teacher University lecturer

Only 25% of the world's population can speak English

Administration and commerce

Bilingual secretary Diplomatic service officer Foreign language analyst (MI5) Freight forwarder Immigration officer Import-export clerk International aid/development worker Interpreter Marketing executive Patent examiner Sales executive Supply chain manager

Speak another language and take your skills overseas

Useful for jobs in companies that have offices overseas

Hospitality, travel and tourism

Air cabin crew Airline customer service agent Hotel manager Hotel receptionist Hotel reservations assistant Resort representative Tour guide Tour manager Tourist information centre assistant



Remember, it is important to study a broad and balanced range of subjects. For more information about different jobs, click on 'Explore careers' at https://nationalcareersservice.direct.gov.uk



Translator







AQA GCSE Geography Paper 1: Living with the physical environment Course The challenge of natural hazards (natural hazards, tectonic hazards, weather hazards and Content climate change) The living world (ecosystems, tropical rainforests, and hot deserts) Physical landscapes of the UK (UK landscapes, costal landscapes, river landscapes) Paper 2: Challenges in the human environment Urban Issues and challenges The changing economic world The challenge of resource management Paper 3: Geographical applications and skills Issue evaluation- How to answer the issue evaluation paper Fieldwork- Investigation, collection of primary data, processing and presenting data, analysing data and concluding investigation, evaluation of investigation. Geographical skills- Cartographic, graphical, and statistical skills Paper 1: Living with the physical environment (Physical Geography) Course Assessment Examination: 1hour 20 mins (88 marks = 35% of overall grade) Paper 2: Challenges in the human environment (Human Geography) Examination: 1hour 20 mins (88 marks = 35% of overall grade) Paper 3: Geographical Applications and skills (Fieldwork) Examination: 1hour 15 mins (76 marks = 30% of overall grade) GCSE Geography can lead to A-Level courses at a college of your choice. This will lead to great job Progression/ prospects, data collected by Higher Education Careers Services Unit in 2017 found Geography students had one of the lowest unemployment rates of just 4.8%. The skills acquired in the study of **Careers** Information geography are cross transferable into a wide variety of careers, management, finance, marketing, research, manufacturing, teaching, engineering and building to name but a few. For further information, please contact Mrs Parmar (Head of Humanities Faculty). Additional Information ruth.parmar@toa.set.org

For further content specific information, please visit:

Please click here to view the geography subject video.

AQA | Geography | GCSE | Geography







Geography

Environmental

Cartographer

Commercial/residential surveyor

Countryside officer

Ecologist

Environmental consultant

Farm/estate manager

Landscape architect

Nature conservation officer

Planning and development surveyor

Recycling officer

Sustainability consultant

Town planner

Water conservation officer

Covers both science and humanities, so it goes well with other subjects

Develop skills in writing, research and judging evidence

There is a growing need for people who understand changes in the climate

Scientific

Climatologist

Environmental scientist

Geographical information systems officer

Geomorphologist

Hydrologist

Meteorologist

Oceanographer

Soil conservationist/scientist

Travel and transport

Air traffic controller

Foreign/travel writer

Freight forwarder

Logistics and distribution manager

Pilot

Tour manager

Tourism officer

Transport planner

Travel agent



Gatsby Benchmarks

Other

International aid/development worker Journalist

Market researcher

Secondary school teacher

University lecturer







OCR Cambridge National Health and Social Care

Course Content

The Cambridge National in Health and Social Care introduces students to the specialist knowledge and skills needed to work in various care settings. The qualification focuses on core values and communicating with individuals, as well as enabling students to develop knowledge, understanding and skills in relation to the Health and Social care sector. This qualification will help students to develop:

- valuable communication skills that are extremely attractive in the modern workplace
- an understanding of the rights of individuals and person-centred values of care and how to apply these when working with service users
- vital knowledge and understanding of how to protect individuals through infection prevention, safeguarding and safety and security measures
- an understanding of growth and development through the life stages
- an understanding of life events and how to support individuals through them

The course provides students with essential knowledge, transferable skills such as evaluation, planning, presentation/delivery, and research skills. As well as tools to improve their learning in other subjects with the aim of enhancing their employability when they leave education.

Course Assessment

The course consists of 3 units: ·

- One externally assessed unit Exam
- Two NEA units [internally assessed and externally moderated]

Progression/ Careers Information

The Health and Social Care course will provide you with essential knowledge and transferable skills to continue studying:

- Cambridge Technical in Health and Social Care
- Level 3 Childcare or children's play, learning and development
- Level 3 Extended diploma in Health and Social Care
- Apprenticeships in: Adult care work, Health Profession Support, Early years work,
 Health and Social care, Healthcare Science Assistant, Maternity and Paediatric Support

Additional Information

Health and Social Care is a vocational course. Students will need to be prepared to participate in all lessons.

For further information, please contact Mrs Sackett (Teacher of Health and Social Care)

grace.sackett@toa.set.org

For further content specific information, please visit:

Health and social care qualifications summary brochure (ocr.org.uk)

Click here for the Health & Social Care subject video.







Health and Social Care

Social care

Activities worker

Care worker

Counsellor

Drug and alcohol worker

Family support worker

Housing support officer

Personal assistant

Probation officer

Rehabilitation worker

Residential support worker

Social work assistant

Social worker

Welfare rights adviser

Volunteer co-ordinator

Youth worker

Childcare

Childminder Foster carer Nanny

Nursery manager Nursery worker Playworker

The adult social care sector will need up to 650,000 more

You need

science

qualifications

for some of

these careers

workers by 2035

Healthcare

Dental nurse

Dietician

Healthcare assistant

Health promotion specialist

Midwife

Nurse

Nursing associate

Occupational therapist

Operating department practitioner

Palliative care assistant

Paramedic

Pharmacy technician

Phlebotomist

Podiatrist

Sexual health adviser



Gatsby Benchmarks

You have to be VERY CARING









AQA GCSE History

Course Content

This course gives students the opportunity to undertake:

- A period study- Germany 1890-1945: Democracy and Dictatorship.
- A wider world depth study- Conflict and Tension in Asia, 1945-1972.
- A thematic study- Britain: Health and the people c1170 to present day.
- British depth study including the historic environment- Elizabethan England c1568-1603.

This course provides students with the opportunity to study History from different eras, on different timescales and from different geographical contexts. Students will be assessed against four main objectives:

- Demonstration of knowledge and understanding.
- Analysis of events and periods studied.
- Source analysis.
- Analysis, evaluation and judgements about interpretations.

Course Assessment

There are 2 examinations with one tier of entry, covering the grades 1 to 9.

Paper 1: Understanding the Modern World worth 50% of GCSE (Germany and Asia)
Paper 2: Shaping the nation worth 50% of GCSE (Medicine and Elizabeth)

Progression/ Careers Information

Apart from studying a wide range of exciting historic periods, you will develop valuable skills that will help you with A-levels and future work. These include:

- excellent communication and writing skills
- how to construct an argument
- research skills
- investigation and problem-solving skills
- analytical and interpretation skills.

Career opportunities:

History Specific

Archaeologist, archivist, historical researcher, museum work, secondary teacher, tour guide and lecturer

Non-History specific

Civil service, law, publishing' intelligence service, business and finance, marketing and primary teacher

Additional Information

For additional information please contact Miss Sayle-Kermode (Head of Department)

Vsayle-kermode@toa.shaw-education.org.uk

For further content specific information, please visit:

GCSE History Specification Specification for first teaching in 2016 (aga.org.uk)

Please click here to view the history subject video.







History

Jobs directly related to history

Archivist

Archaeologist

Conservation officer/conservator

Further education lecturer

Genealogist

Heritage manager

Historic buildings inspector

Museum curator

Museum education officer

Professional historian

Secondary school teacher

University lecturer

Learn about organising materials in a logical way

Develop
skills in
undertaking
research and
writing and
presenting
facts

Learn to construct an argument and assess evidence



Remember, it is important to study a broad and balanced range of subjects. For more information about different jobs, click on 'Explore careers' at https://nationalcareersservice.direct.gov.uk

Jobs where history is useful

Barrister

Civil service administrator

Diplomatic service officer

Government research officer

Information officer

Journalist

Librarian

Political researcher and adviser

Press officer

Primary school teacher

Solicitor

Theatre/TV set designer

Tour quide

Trade union research officer

TV researcher









Eduqas GCSE Music

Course Content

The WJEC Eduqas GCSE Music specification encourages an integrated approach to the three distinct disciplines of performing, composing and appraising through four interrelated areas of study. The four areas of study are designed to develop knowledge and understanding of music through the study of a variety of genres and styles in a wider context.

This is a well-balanced course with a strong emphasis on practical music-making, with 60% of the overall weighting being coursework.

Course Assessment

- Component 1: Performing 30%
 Teacher assessed and externally moderated May 2025 (mark out of 72)
- Component 2: Composing 30%
 Teacher assessed and externally moderated May 2025 (mark out of 72)
- Component 3: Appraising 40%
 Externally marked June 2025 (mark out of 96)

Total mark out of 240. The grade awarded is based on the overall mark gained from the three components.

Progression/ Careers Information

GCSE Music can lead on to A levels in Music and Music Technology and also BTEC Diplomas in Performance, Music, Music Technology, Music Production at First and National Level.

Many employers are impressed by music qualifications because it shows many skills such as teamwork, organisation, confidence and independence.

Additional Information

Due to the very practical & coursework-lead nature of GCSE Music, it is strongly recommended that students play an instrument or sing (including rapping) and undertake tuition on this specialism wherever possible. The course is specifically designed to offer the chance for students to specialise on an instrument (voice) that they have a strong interest in and passion to develop further.

Students will be expected to undertake regular instrumental/vocal practice and music theory and research at home. The Music Department offers a wide range of enrichment opportunities – extra-curricular music groups, both staff-lead and student-lead, visiting masterclasses and trips to Higher Education institutions.

For further information, please contact Mr Welsh (Head of Music).

andrew.welsh@toa.set.org

For further content specific information, please visit:

GCSE Music | Edugas

Please click here to view the music subject video.







Music

Music and business

A&R executive
Agent
Artist manager
Booking agent
Event manager
Marketing executive
Music manager
Music promotions manager
Producer (live events)
Record label manager
Record retail manager
Talent scout

Music production

DJ Music director Music producer Production manager Record producer Sound engineer Sound technician Studio manager NOT Mon-Fri 9-5 jobs

There is
a lot of
competition
for these
jobs

Musicians and singers

Band member
Classical musician
Community musician
Composer
Conductor
Lyricist
Performer
Session musician
Soloist
Song writer

Other

Backstage crew
Journalist
Music publisher
Music therapist
Musical instrument maker
and repairer
Private music teacher
Secondary school teacher
Singing coach
University lecturer

You don't have to be a performer











Level 1 /2 Vocational Award in Performing Arts

Course Content

The Vocational Award in Performing Arts has been designed to support learners in schools who want to learn about this vocational sector and the potential it can offer them for their careers or further study. It is designed to prepare students for further qualifications in performing arts, drama, dance, music, media studies, film studies and art and design and many more pathways. The subject content for this specification allows students to explore, develop and apply a range of practical performance and production skills.

Course Assessment

Unit 1 - Performing

You will learn skills and techniques needed to produce a successful performance of an existing work, such as a piece of music or an extract from a play or show.

This unit of work can be completed through any of the following disciplines: Dance, Drama, Music Technology or Musical Theatre.

Unit 2 - Creating

You will learn how to create and refine your own original work in Performing Arts, such as: Choreography, Costume Design or Music Composition.

This unit can be completed through one of the following disciplines: Devised Drama, Choreography, Composition, Costume Design, Lighting, Make-Up & Hair Design, Set Design and Sound Design.

Unit 3 - Performing Arts in Practice

You will learn about areas of the Performing Arts industry that need to be considered when responding to a commission and will consider these when coming up with and pitching your own idea.

You will be assessed through project work. For Units 1 and 2 you will undertake projects (not exams) in response to briefs. The project for each unit will take 10 hours and be worth 30% of your qualification. For each one you will be given a scenario and will need to undertake a number of tasks. In Unit 3 you will undertake another project (no exam) in response to a brief, which will take 20 hours and be worth 40% of your qualification. You will be given a scenario and will need to undertake a number of tasks. The overall grade is awarded on an 8-point scale: Level 2 Distinction*, Level 2 Distinction, Level 2 Merit, Level 2 Pass, Level 1 Distinction*, Level 1 Distinction, Level 1 Distinction, Level 2 Merit, Level 2 Pass, Level 1 Distinction.

Progression/ Careers Information

Students will research their chosen performance discipline and show/reveal their creativity when developing ideas. They will develop practical skills in a supportive learning environment. The latter requires self-discipline, motivation, and commitment – key elements that are all needed for further study. The course will develop a variety of transferable skills including self-appraisal, evaluation, teamwork, leadership, research, presentation, communication, and problem solving. These are skills that will stand any student in good stead for the future, irrespective of career path.

Additional Information

Due to the nature of the subject, students will be expected to attend rehearsals prior to their live performances.

For further information, please speak to or email Miss Nixon, Head of Performing Arts.

jenny.nixon@toa.set.org

For further content specific information, please visit:

WJEC ENTRY LEVEL FRAMEWORK SPECIFICATION (edugas.co.uk)

Please click <u>here</u> to view the performing arts subject video.







Performing Arts

Arts industry

Arts administrator Broadcast journalist Entertainment agent Lighting technician Prop maker Roadie Set designer Sports commentator Theatre manager

Music

Composer
DJ
Live sound engineer
Musician
Music promotions manager
Music therapist
Studio sound engineer
Teacher

NOT 9-5 Mon-Fri jobs

Good if
you want to
combine skills and
learn about
how productions
are developed

Drama

Actor

Screenwriter

Secondary school teacher

Stage manager

Stunt performer

TV or film director

TV or film producer

TV or film production runner

TV presenter

Wardrobe assistant

Performers need talent, skills and determination

Dance

Choreographer

Circus performer

Dance movement psychotherapist

Dancer

Entertainer

Musical theatre actor/dancer

Teacher











AQA GCSE Photography

Course Content

This course will enable students to develop their knowledge and understanding of dark room techniques, developing and printing, as well as manipulation of the image, either silver-based technology or digital format; through electronic and mechanical means.

In addition, students will have the opportunity to work with film, both in the studio, and location-based work. The course will allow them to edit images and widen their knowledge of the variety of ways in which imagery might be juxtaposed to create appropriate effects.

Course Assessment

This is a well-balanced course with a strong emphasis on practical making, with 60% of the overall weighting being coursework and 40% being exam based.

Component 1: Coursework 60%

Teacher assessed and externally moderated at the end of Year 11 (mark out of 96)

• Component 2: Externally Set Task 40%

Teacher assessed and externally moderated at the end of Year 11 (mark out of 96)

Total mark out of 192.

The grade awarded is based on the overall mark gained from the two components.

Progression/ Careers Information

Students could progress to level three qualifications and such as:

BTEC and A Level courses available in Fine Art & Design, 3D Sculpture, Photography, Graphics, Textiles, Print Making and many more.

Many employers are impressed by Photography qualifications because it shows many skills such, creativity, organisation, confidence and independence.

Additional Information

Students need to complete at least one-hour extra study each week. This is essential if they wish to complete the course. Student's must also take photographs in their own time and are encouraged to go on location.

The Art Department offers a wide range of enrichment opportunities – extra-curricular clubs, visiting artists and trips to Higher Education institutions.

For further information, please contact Miss Henshall-Smith (Head of Department).

sarah.henshall-smith@toa.set.org

For further content specific information, please visit:

AQA | Art and Design | Subject content | Photography

Please click here to view the photography subject video.







Photography

Media photography

Advertising and editorial photographer
Corporate photographer
Fashion photographer
Fine art photographer
Photographic stylist
Photojournalist
Press photographer
Unit stills photographer

9-5 Mon-Fri jobs

There is
a lot of
competition
for these
jobs

Related careers

Advertising art director
Digital marketer
Film director
Film/video editor
Graphic designer
Media planner
Medical illustrator
Multi-media specialist
Photography sales assistant
Picture library assistant
Print finishing technician
TV or film camera operator
Web content manager

General practice / social photography

Commercial photographer Family portrait photographer School portrait photographer Photographic technician Wedding photographer To do this
you should
be creative,
patient and
have technical
skills

Medical or scientific photography

Clinical photographer
Forensic/scenes of crime photographer
Industrial photographer
Medical photographer
Scientific photographer











AQA GCSE Physical Education

*Please note that students can study GCSE Physical Education <u>or</u> OCR Cambridge National Sports Studies	
 Become increasingly physically competent through being actively engaged in a range of physical activities Develop theoretical knowledge and understanding of the factors that underpin physical activity and sport and use this knowledge to improve performance Develop and maintain their involvement in physical activity as part of a healthy active lifestyle. 	
 Paper 1 Exam - The human Body and movement in physical activity and sport (30%). Paper 2 Exam - Socio-cultural influences and well-being in physical activity and sport (30%). Evaluation of performance in one sport (10%). Practical performance in 3 sports to include team and individual (30%) 	
Students could progress to level three qualifications and A Levels such as: Sports Science, Sports Exercise and Fitness, Sports Coaching, Physiotherapy, and Personal Training.	
The Physical Education Department offer many enrichment opportunities — Extra-curricular clubs and sports teams, leadership opportunities, coaching qualifications, officiating qualifications, sports trips, sports council and links with community clubs. For more information please contact Mr Jones (Head of Department). john.jones@toa.set.org For further content specific information, please visit: GCSE Physical Education Specification Specification for first teaching in 2016 (aqa.org.uk) Please click here to view the physical education subject video.	







Sport and Leisure

Leisure

Customer service assistant

Fairground worker

Horse riding instructor

Leisure centre assistant

Leisure centre manager

Lifeguard

Outdoor activities instructor

Riding holiday leader

Visitor attraction general manager

You need science qualifications for some of these jobs

Also see the Career Ideas leaflet for Travel and Tourism

Sport and fitness

Coach

Fitness instructor

Health trainer

Personal trainer

Pilates teacher

Sport and exercise psychologist

Sports physiotherapist

Sports scientist

Yoga teacher

Other sport

Journalist

Martial arts instructor

PE teacher

Referee

Sports agent

Sports commentator

Sports development officer

Swimming teacher

Talent and being a member of a club is important for some of these iobs





Remember, it is important to study a broad and balanced range of subjects. For more information about different jobs, click on 'Explore careers' at https://nationalcareersservice.direct.gov.uk

Sports professional

Athlete

Cyclist

Footballer

Golfer

Jockey

Rugby player

Swimmer

Tennis player







	AQA GCSE Religious Studies
Course	The aim of this course is to encourage students to:
Content	 Encourage students to consider their views on various ethical questions such as war, animal testing, abortion, divorce, terrorism, etc. Develop their ability to listen and consider different points of view Analyse strengths and weaknesses of different arguments and reach a reasoned conclusion Explore comparative religious beliefs and practices Develop their understanding of different cultures locally, nationally and in the wider world.
Course Assessment	The course is comprised of two main units both of which are terminal examinations on written paper at the end of the course.
	 Section 1 = 1hr 45 The studies of religions: beliefs, teachings and practices (Christianity and Judaism). Worth 50% of the overall GCSE.
	 Section 2 = 1hr 45 Thematic studies: relationships and families; religion and life; religion, peace and conflict; religion, crime and punishment. Worth 50% of the overal GCSE.
Progression/ Careers	Students could progress to level three qualifications such as:
Information	The study of A Level Religion, Philosophy and Ethics.
	Religious Studies is also excellent preparation for many degree courses including Politics, History, English, Law and Philosophy.
Additional Information	Please contact Mrs Parmar (Head of Humanities Faculty) if you have any further questions.
	ruth.parmar@toa.set.org
	For further content specific information, please visit:
	AQA GCSE Religious Studies A Specification at a glance







Religious Studies

Jobs requiring specialist knowledge

Archivist

Journalist

Librarian

Minister of religion/religious leader

Museum worker/curator

Secondary school teacher

Television presenter/researcher

University lecturer

Jobs with people

Advice worker

Careers adviser

Care assistant

Community development worker

Counsellor

Police officer

Politician

Primary school teacher

Probation officer

Social worker

Youth worker

Understanding about the beliefs and values of others is useful in lots of careers

Develop skills in researching and problem solving

Learn to
understand
both sides of an
argument and
to negotiate and
resolve conflict

Jobs in business

Advertising account executive Charity fundraiser Civil service administrator Diplomatic service officer Human resources manager Marketing executive Public relations officer Solicitor











AQA GCSE Separate Science Biology, Chemistry and Physics

Course Content

Students will study Biology, Chemistry and Physics as three separate GCSE courses. The specifications covered are AQA 8461 Biology, 8462 Chemistry and 8463 Physics. The courses are designed to engage and challenge students to reach their scientific potential.

Biology: The core content follows a coherent and logical story through biology. Students study the topics of cell biology, organisation, infection and response, bioenergetics, homeostasis, inheritance, evolution and ecology. Building on topics that were introduced at KS3 and developing their knowledge and understanding of the living world around them.

Chemistry: The content starts with fundamental aspects of chemistry such as atomic structure, bonding and the properties of matter, and builds to topics in which the fundamentals are applied such as quantitative chemistry and equilibria. Chemical changes, energy changes, organic chemistry, rates of reaction, chemical analysis and chemistry of the atmosphere are also covered. Students discover how materials used in our everyday lives are made and are challenged to think about the impact that we have on the world around us.

Physics: The fundamental physics topics of energy, electricity, atomic structure, forces waves, magnetism and space are covered to inspire students to continue with further study. By developing knowledge of these key areas students are able to start to explain the world around them. The course encourages students to be curious and ask questions about the limits of our current scientific knowledge.

All course have a practical element with 8-10 required practicals in each subject. These are linked to areas of the content where it would be most appropriate to teach them to embed skills and knowledge.

Course Assessment

Each subject has 2 terminal written exams and students will be awarded 3 GCSE grades.

- Paper 1: 1 hour 45 mins, 100 marks, 50% of GCSE
- Paper 2: 1 hours 45 mins, 100 marks, 50% of GCSE

Progression/ Careers Information

To study A Level Biology, Chemistry or Physics, a grade 6 is needed in GCSE separate or combined science. In addition to A Level science, students could progress to an apprenticeship or further studies in STEM related subjects.

Additional Information

For further information please contact Mrs Woodall (Head of Department).

charlotte.woodall@toa.set.org

For further content specific information please visit:

Biology: AQA | Science | GCSE | Biology
Chemistry: AQA | Science | GCSE | Chemistry
Physics: AQA | Science | GCSE | Physics

Please click here to view the science subject video.







Biology

Scientific research and laboratory work

Animal technician

Biochemist

Biologist

Biomedical scientist

Biotechnologist

Clinical scientist

Forensic scientist

Geneticist

Healthcare science assistant

Laboratory technician

Microbiologist

Pharmacologist

Research scientist

Practical jobs where science is useful

Beauty therapist

Electrician

Fingerprint officer

Hairdresser

Plumber

Sterile services technician

Water treatment worker

All primary school teachers need a science subject at GCSE

Landbased and conservation

Botanist

Ecologist

Nature conservation officer

Soil scientist

Zoologist

Healthcare

Dental nurse

Dentist

Dietician

Doctor

Healthcare assistant

Midwife

Nurse

Nursing associate

Occupational therapist

Optometrist

Paramedic

Phlebotomist

Physiotherapist

Speech and language therapist

Other

Clinical engineer

Scenes of crime officer

Science writer

Secondary school teacher Sexual health adviser

Sports scientist

University lecturer

Vet

Veterinary nurse

Science is useful for many jobs













Chemistry

Scientific research and laboratory work

Biochemist

Biomedical scientist

Biotechnologist

Chemical engineer

Chemical engineering technician

Chemist

Environmental chemist

Forensic scientist

Healthcare scientist

Laboratory technician

Nanotechnologist

Pharmacologist

Research scientist

Toxicologist

Applied science and technology

Food scientist Materials engineer Sports scientist Technical brewer Textile technologist

Healthcare

Dentist

Dietician

Doctor

Midwife

Nurse

Optometrist

Pharmacist

Physiotherapist

Science is useful for many jobs

All primary school teachers need a science subject at *ĞC*SE

Practical jobs where science is useful

Electrician

Fingerprint officer

Plumber

Textile machinery technician

Water treatment worker

Sterile services technician

Other

Nuclear engineer Patent attorney

Scenes of crime officer

Science writer

Secondary school teacher

University lecturer

Veterinary nurse















Physics

Applied science and technology

Acoustic consultant

Architect

Audiologist

CAD technician

Ergonomist

Geophysicist/field seismologist

Geoscientist

Geotechnician

Materials scientist

Medical physicist

Meteorologist

Oceanographer

Operational researcher

Pathologist

Radiation protection practitioner

Radiographer

Surgeon

Engineering

Aerospace engineer Automotive engineer

Civil engineer

Clinical engineer

Electrical engineer

Electronics engineer

Machine learning engineer

Materials engineer

Materials technician

Mechanical engineer

Metallurgist

Nuclear engineer

Software engineer

Structural engineer



Gatsby Benchmarks

Practical jobs where science is useful

Electrician

Electronics engineering technician

Plumber

Textile machinery technician

Water treatment worker

All primary school teachers need a science subject at GCSE

Scientific research and laboratory work

Astronaut

Nanotechnologist

Physicist

Research scientist

Science is useful for many jobs

Other

Investment analyst
Journalist
Patent attorney
Secondary school teacher
Sound engineer
Systems analyst
University lecturer









OCR Cambridge National Sport Studies

*Please note that students can study GCSE Physical Education or OCR Cambridge National Sports Studies

Course Content

This qualification will suit students who prefer a coursework-based course instead of terminal examinations. The course is split 60% coursework and 40% exam. Equivalent to 1 GCSE. 2 mandatory and 1 pathway unit must be completed. The pathway units studied will be decided by the teacher.

Mandatory units include:

RO51: Contemporary issues in sport.

RO52: RO52: Performance and Leadership in Sports Activities.

Pathway units include:

RO53: Sports leadership.

RO54: Sport and the media.

Course Assessment

There will be one exam that will focus on Contemporary issues in sport. The exam will last for one hour and 15 minutes and must be taken at the end of the course. (40%)

Performance and Leadership in Sports Activities is internally assessed and OCR moderated. (40%)

One additional internally assessed unit will be chosen at the teachers' discretion (20%)

Progression/ Careers Information

Students could progress to level three qualifications such as:

BTEC and A Level courses available in Sports Science, Sports Exercise and Fitness, Sports Coaching, Physiotherapy and Personal Training.

Additional Information

The Physical Education Department offer many enrichment opportunities – Extra-curricular clubs and sports teams, leadership opportunities, coaching qualifications, officiating qualifications, sports trips, sports council, links with community clubs.

For more information, please contact Mr Jones (Head of Department).

john.jones@toa.set.org

For further content specific information please visit:

Cambridge Nationals - Sport Studies Level 1/Level 2 – J829 (ocr.org.uk)

Please click here to view the sports subject video.







Sport and Leisure

Leisure

Customer service assistant

Fairground worker

Horse riding instructor

Leisure centre assistant

Leisure centre manager

Lifeguard

Outdoor activities instructor

Riding holiday leader

Visitor attraction general manager

You need science qualifications for some of these jobs

Also see the leaflet for Travel and Tourism

Career Ideas

Sport and fitness

Coach

Fitness instructor

Health trainer

Personal trainer

Pilates teacher

Sport and exercise psychologist

Sports physiotherapist

Sports scientist

Yoga teacher

Other sport

Journalist

Martial arts instructor

PE teacher

Referee

Sports agent

Sports commentator

Sports development officer

Swimming teacher

Talent and being a member of a club is important for some of these iobs





Remember, it is important to study a broad and balanced range of subjects. For more information about different jobs, click on 'Explore careers' at https://nationalcareersservice.direct.gov.uk

Sports professional

Athlete

Cyclist

Footballer

Golfer

Jockey

Rugby player

Swimmer

Tennis player







BTEC Travel and Tourism

Course Content

This qualification provides an engaging and stimulating introduction to the world of travel and tourism giving students the opportunity to develop knowledge and technical skills in a practical learning environment.

Component 1: Organisations and Destinations

- Section A: Demonstrate an understanding of the UK Travel and Tourism Industry.
- Section B: Explore popular visitor destinations.

Component 2: Customer Needs in Travel and Tourism

- Section A: Customer needs and travel and tourism trends.
- Section B: The needs and preferences of travel and tourism customers.

Component 3: Influences on Global Travel and Tourism

- Factors affecting Travel and Tourism.
- The impacts of tourism at global destinations.
- This component builds on what students have done in Component 1 and 2.

Course Assessment

Component 1: Organisations and Destinations

One internally assessed assignment (made up of 5 tasks) – worth 30% of the overall grade (60 marks).

Component 2: Customer Needs in Travel and Tourism

One internally assessed assignment (made up of 5 tasks) – worth 30% of the overall grade (60 marks).

Component 3: Influences on Global Travel and Tourism

One external assessment: 2 hours exam – worth 30% of the overall grade (60 marks).

All components are awarded on a six-point grade scale from Level 1 Pass to Level 2 Distinction. Learners will receive a Uniform Mark for each component.

Progression/ Careers Information

BTEC Travel and Tourism can lead to A-Level and vocational courses at a college of your choice. This will lead to great job prospects; data collected by www.prospects.ac.uk in 2019 found Travel and Tourism graduates had one of the lowest unemployment rates of just 4.9%. The transferable skills acquired will support in a wide variety of careers, management, finance, marketing, research, teaching, customer service, and web design to name but a few.

You can also take the course further and complete the Level 3 qualification at college or Sixth Form.

Additional Information

For further information, please contact Mr Stockbridge.

william.stockbridge@toa.set.org

For further content specific information, please visit:

Travel & Tourism (2022) | BTEC Tech Awards | Pearson qualifications

Please click here to view the travel and tourism subject video.







Travel and Tourism

Travel

Air cabin crew

Airline customer service agent

Airport baggage handler

Airport information assistant

Cruise ship steward

Resort representative

Tour manager

Train conductor

Train station staff

Travel agent

Tourism

Museum assistant

Outdoor activities instructor

Theme park worker/manager

Tourism officer

Tourist guide

Tourist information centre assistant Visitor attraction general manager

Hospitality

Chef

Events manager

Hotel manager

Hotel porter/concierge

Hotel receptionist

Hotel reservations assistant

Hotel room attendant

Housekeeper

Kitchen assistant/porter

Restaurant manager

Street food trader

Waiting staff





Remember, it is important to study a broad and

balanced range of subjects. For more information about different jobs, click on 'Explore careers' at https://nationalcareersservice.direct.gov.uk

Career Ideas...

For some of these jobs it is useful to be able to speak a second language

Communication and customer service skills are very important

