



Course Information

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Possible Study Programme & Entry Requirements

Students at Tytherington Sixth Form follow a two-year programme of study incorporating three or four A Levels. To support students to make an informed choice about their study programme, we ask all students to select and study 4 subjects from the start of Year 12. Then, during our 'right-choices' process in the first half-term, students will be supported to confirm the 3 subjects that they wish to continue. A small number may choose to continue to study four subjects and would be expected to have achieved predominantly grades 8/9 at GCSE to do so. This fourth subject may be one of our 'enrichment' AS Subjects, which are studied over a 2-year period.

We have also introduced the opportunity to study Level 3 Certificate Care Maths as part of a study programme to support post-18 progression. This is to support students who wish to continue the study of a maths qualification to complement and enhance particular A Level subjects and career routes.

Through a supported application process, applicants can be assured that they will be supported in choosing a suitable study programme.

In order to ensure that students enrol on courses that they will be able to complete and in which they will gain success, we set the following minimum entry requirements. Applicants are expected to achieve a minimum of five grades at GCSE 9-4. In addition, students are expected to meet the subject specific entry requirements listed below and in the course information booklet accessed via our website.

Students who achieve below grade 4 in English and Mathematics will have to re-sit the examination in Year 12. Students who achieve grade 4 will be given the opportunity to re-sit the examination in Year 12 in order to achieve a grade 5.

Entry Criteria

Below is the list of entry criteria for each course. More detail on each course can be found in this booklet.

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| AQA Level 3 Extended Certificate in Applied Science | Grade 5 in Separate Sciences, or 5-5 in Trilogy Science at GCSE (5-4 will be considered). |
| A Level Art and Design | Grade 5 at GCSE, if taken. |
| A Level Art and Design Textiles Design | Grade 5 in GCSE Art or Textile Design, if taken. |
| A Level Biology | Grade 6 in Biology Separate Science GCSE, or grades 6-6 in Trilogy Science GCSE. Grade 6 in Mathematics GCSE. |
| BTEC Level 3 Extended Certificate in Business | 5 grade 4s at GCSE including English. Grade 5 in GCSE Business, if taken. |
| A Level Chemistry | Grade 6 in GCSE Chemistry Separate Science or grades 6-6 in Trilogy Science GCSE. Grade 6 in Mathematics GCSE. |
| A Level Computer Science | Grade 6 at GCSE, if taken. Grade 6 in GCSE Mathematics. (Grade 7 in GCSE Mathematics if Computer Science not taken at GCSE). |
| A Level Drama and Theatre | Grade 5 at GCSE, if taken. Grade 5 in GCSE English. |
| A Level Economics | Grade 5 in GCSE Mathematics. Grade 5 in GCSE English Language. |
| A Level English Language | Grade 6 in GCSE English Language. |
| A Level English Literature | Grade 6 in GCSE English Literature. Grade 5 in GCSE English Language. |

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| A Level French | Grade 6 at GCSE achieved on higher papers. |
| A Level Geography | Grade 5 in GCSE Geography. Grade 5 in GCSE English Language. |
| A Level German | Grade 6 at GCSE achieved on higher papers. |
| BTEC Level 3 Extended Certificate in Health and Social Care | 5 grade 4s at GCSE including Grade 5 in GCSE English. |
| A Level History | Grade 6 at GCSE, if taken. Grade 5 in GCSE English. |
| A Level Mathematics | Grade 7 at GCSE. Students who achieve a high grade 6 will be considered. |
| A/AS Level Further Mathematics | Grade 8 in GCSE Mathematics. |
| A Level Music | Grade 6 in GCSE Music and grade 5 instrumental/voice (ABRSM or similar). Audition required for external applicants. |
| A Level Music Technology | Grade 5 in GCSE Music or demonstrable interest in the subject with evidence of prior work completed. |
| A Level Physical Education | Grade 6 at GCSE, if taken. Regular participation in one team/individual sport is essential. (The ability to play this sport to a high standard is desirable.) |
| A Level Physics | Grade 6 in Physics Separate Science GCSE, or grades 6-6 in Trilogy Science GCSE. Grade 6 in Mathematics GCSE. |
| A Level Politics | 5 GCSE Grade 5s including English Language and Mathematics. |

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| A Level Design Technology: Product Design | Grade 5 in a GCSE Design subject, if taken. Grade 5 in Mathematics. |
| A Level Psychology | Grade 5 at GCSE, if taken. Grade 5 in one GCSE Science and Grade 5 in GCSE English. |
| A Level Sociology | Grade 5 in GCSE English. |
| A Level Spanish | Grade 6 at GCSE achieved on higher papers. |
| Level 3 Certificate Core Mathematics | Grade 6 at GCSE achieved on higher papers. |
| Extended Project Qualification (EPQ) | 5 GCSE grades at 9-5 including English. This is an additional option alongside the 3 A level or equivalent programme of study which will be open to students from term 2 in Year 12. |
| Academic Enrichment: | |
| AS Level Classics | Grade 6 in GCSE English Language. |
| AS Level Music | Grade 6 in GCSE Music and grade 5 instrumental/voice (ABRSM or similar). Audition required for external applicants. |
| AS Level Philosophy | Grade 6 in GCSE English. Grade 6 in GSCE Religious Studies, if taken. |

*NB. All courses are subject to demand. Parents and students will be kept informed of any changes.
All applications will be considered at individual student level.*



Course Information ➤

AQA Level 3 Extended Certificate in Applied Science

The UK is currently regarded as a world leader in sectors including renewable energy, space, low carbon, pharmaceuticals, utilities, automotive, agri-food and bioscience. The Applied Science course offers huge potential and opportunities for those interested in working in the scientific industry.

This qualification is the equivalent of one A level and students will cover topics such as:

- Scientific principles associated with Biology, Chemistry and Physics
- Experimental and practical techniques associated with Applied Science
- The roles and skills of scientists, and the public and media perception of science
- How the human body works
- Scientific investigations.

Entry Requirements:

Grade 5 in Separate Sciences, or 5-5 in Trilogy Science at GCSE.
(5-4 will be considered).

Assessment:

50% coursework portfolio
50% examination

Complementary Courses:

Applied Science particularly complements PE, Core Maths and Health and Social Care. However, it can also be taken as one science subject with a mixture of other non-scientific BTEC/A Levels.

Progression:

This qualification is supported by a range of universities and, taken alongside other qualifications, it can fulfil the entry requirements for a number of science-related higher education courses, including Biomedical, Forensic and Sports Science, as well as Nursing. It is eligible for UCAS points.

Specification:

AQA Level 3 Extended Certificate in Applied Science

A Level Art & Design

A level Art and Design engages students in both practical and written creative studies. The course content requires individual exploration and development of each student's:

- Personal ideas through contextual research and analysis
- Ability to record their ideas in a visual way
- Experimentation with appropriate media, materials, technique and processes
- Ability to present a personal and meaningful response

There is a predominant focus on drawing, which will be the basis for building a portfolio of work that is both personal and informed. Opportunities exist for students to take part in residential Art courses and gallery visits. Teachers provide extended skills workshops and one-to-one tuition as part of the course.

Entry Requirements:

Grade 5 in GCSE Art and Design, if taken.

Students who have not taken GCSE Art and Design may also apply.

Assessment:

*60% coursework portfolio

40% examination

*This includes a 1000-word essay which explains the coursework portfolio as it progresses.

Complementary Courses:

Art and Design complements all A Level courses.

Specification:

Eduqas A Level Art and Design (Fine Art)

Progression:

Progression from Art and Design A Level can be extremely varied, although a significant number of students progress onto a one-year Art Foundation course. This is an ideal course for those who wish to gain further specialist knowledge and skills in preparation for Art and Design-based university courses. Each year we also have students taking routes into architecture, marketing, advertising and design-based courses such as Graphics and Fashion.

A Level Art & Design Textile Design

A Level Textile Design engages students in both practical and written creative studies. The course content allows individual explorations and development of each student's:

- Personal ideas through contextual research and analysis
- Ability to record their ideas in a visual way
- Experimentation with appropriate media, materials, techniques and processes
- Ability to present a personal and meaningful response

There is a strong focus on drawing, material manipulation and surface pattern design. These aspects will be the foundations of a well-rounded Textile Design portfolio. Opportunities exist for students to take part in residential Art course and gallery visits. Teachers provide extended skills workshops and one-to-one tuition as part of the course.

Entry Requirements:

Grade 5 in a GCSE Art or Textile Design, if taken.

Students who have not taken GCSE Art and Design may also apply.

Assessment:

*60% coursework portfolio

40% examination

*Includes a 1000-word essay which explains the coursework portfolio as it progresses.

Complementary Courses:

Textile Design complements all A Level courses.

Specification:

Eduqas A Level Art and Design (Textile Design)

Progression:

Progression from Textile Design A Level can be extremely varied, although a significant number of students progress onto a one-year Art Foundation course. This is an ideal course for those who wish to gain further specialist knowledge and skills in preparation for design-based university courses. Each year we also have students taking career routes into Fashion Design or Communication, Interior Design, Buying and Merchandising, Journalism and Fine Art.

A Level Biology

Biology is a stimulating and challenging study of a rapidly developing subject which is highly relevant in today's world. Biological matters are constantly in the news with exciting discoveries in genetics and biotechnology. More sinister, global, ecological issues are also ever-present with biologists holding some of the possible long-term strategies that could minimize catastrophic change. A well-informed citizen should be able to understand the principles behind such issues and evaluate the information on offer.

The Year 12 course aims to develop knowledge and understanding of the essential core concepts of biological molecules, cells, transport systems and DNA. The Year 13 course moves from the core concepts into an understanding of the nervous system, homeostasis, global energy transfer via photosynthesis and respiration, evolution and the frontiers of genetic technology. All students' learning will be supported by practical work. This will develop an understanding of key protocols and the scientific method as well as the ability to report findings.

Entry Requirements:

Grade 6 in Biology Separate Science GCSE, or grades 6-6 in Trilogy Science GCSE.
Grade 6 in Mathematics GCSE.

Assessment:

100% examination

Complementary Courses:

Biology particularly complements studies in Core Maths, Maths, Further Maths, Chemistry, Physics, Psychology, Health and Social Care, and Physical Education.

Specification:

AQA A Level Biology

Progression:

A level Biology is a highly regarded qualification as it develops a wide range of skills. It can give you access to an ever-expanding variety of Biology-related courses leading to careers in Biotechnology, Microbiology, Food Science, Environmental Science, Agriculture, Pharmaceuticals, drug research, Biochemistry, Molecular Biology, Biophysics, Medicine, Veterinary Science, Physiotherapy, Nursing, Sport Science and Genetics.

BTEC Level 3 Extended Certificate in Business

This course is equivalent to 1 A Level and will be studied alongside 2 additional A Level (or equivalent) subjects. The Extended Certificate in Business is an ideal course for those who wish to continue their education through applied learning and who aim to progress to higher education and ultimately to employment in the business sector.

There is a high percentage of internally assessed coursework, which may appeal to students who prefer a more continuous approach to assessment. The external assessments may be in the form of a written examination, but may also be a set task which is completed during a defined window.

Entry Requirements:

Grade 5 in GCSE Business, if taken. 5 grade 4s at GCSE including English.

Assessment:

58% External assessment
42% Coursework

Complementary Courses:

BTEC Business works well across a range of subject combinations. Business particularly complements studies in English, Core maths, Economics, Maths, Politics and Social Sciences.

Specification:

Edexcel BTEC Level 3 Extended Certificate in Business.

Progression:

An Extended Certificate in Business can lead to a variety of university and career options in the fields of Business and Finance, especially when combined with other specific A Level / BTEC courses (see complementary courses).

A Level Chemistry

Chemistry and chemists hold a key role in society, from the large petrochemical industry to the wider world of medicine. A Level Chemistry allows students to open doors to a number of industries and experiences.

This A Level provides students with analytical skills, both practical and theoretical, across organic, inorganic and physical chemistry. Students will build on prior knowledge of atomic structure and bonding, while learning new aspects of Chemistry such as mathematical-based equilibria and an introduction to organic mechanisms and reactions. In Year 13 students will build on these areas and expand their learning into structural and chemical analysis.

Entry Requirements:

Grade 6 in GCSE Chemistry Separate Science, or grades 6-6 in Trilogy Science GCSE.
Grade 6 in Mathematics GCSE.

Assessment:

100% examination

Complementary Courses:

Chemistry particularly complements studies in Biology, Physics and Mathematics.

Specification:

AQA A Level Chemistry

Progression:

Chemistry A Level is a highly regarded qualification. It develops students' ability to think logically, to solve problems and to apply knowledge to new situations.

Chemistry is an essential requirement for Medicine, Dentistry, Veterinary Science, Chemical Engineering, Forensics, Pharmacy and Biochemistry.

A Level Computer Science

Designed for students who have already studied GCSE Computer Science, this course expands on the concepts covered and enables students to further develop their programming skills in an environment that encourages creative thinking and logical problem-solving.

Although access to a computer at home is not compulsory, a number of resources involve electronic files and programming tasks that students will be required to work on outside the classroom. It would be an advantage for students to have internet access at home and a suitable PC or laptop. The software used will be open source and free.

Entry Requirements:

Grade 6 at GCSE, if taken. Grade 6 in GCSE Mathematics
(Grade 7 in GCSE Mathematics if Computer Science not taken at GCSE)

Assessment:

80% External assessment
20% Coursework

Complementary Courses:

A level Computer Science particularly complements studies in Mathematics, Further Mathematics, Music Technology and the Sciences.

Specification:

OCR A level Computer Science

Progression:

The course has been designed for students who wish to go on to higher education or employment where knowledge of computing would be beneficial. A Level Computer Science will develop key business and personal skills, in addition to advanced software capability and a theoretical understanding of computer programming. These skills are required in a wide range of employment sectors.

A Level Drama & Theatre

Through the study of a range of texts, theatre makers and live theatre, candidates will develop an understanding of how to interpret text for performance and analyse and evaluate performance alongside developing their acting and performance skills. Students will devise an original performance piece applying the ideas of a recognised theatre maker; they will perform three key extracts from three differing performance texts.

In the written examination students evaluate a live piece of theatre, answer a question based on their practical exploration and study of a complete text, and explain their interpretation of another complete performance text. Candidates will explore all work from the perspective of performer, director and designer.

Entry Requirements:

Grade 5 or above at GCSE, if taken. Grade 5 in GCSE English.

Assessment:

Drama and Theatre consists of two coursework components and one externally examined paper.

40% Devising

20% Text in Performance

40% Theatre Makers in Practice
(externally examined)

Complementary Courses:

A Level Drama and Theatre particularly complements studies in English Literature, History and Psychology.

Specification:

AQA A level Drama and Theatre

A Level Economics

Economics is ideal for students who have an interest in the wider world. It is a subject that is concerned with the study of consumers, business and government examining current relevant economic and social issues from both a macro and micro perspective.

Economics is highly regarded as a strong academic subject by both employers and universities. It combines well with a number of other subjects, developing both knowledge and skills relevant for careers in Economics, Business and Finance amongst others.

The A level course covers the key areas of consumers, markets and business behaviour on a micro level as well as taking a broader, study of the UK Economy, its performance and policies along with a global perspective.

Entry Requirements:

Grade 5 in GCSE Mathematics. Grade 5 in GCSE English Language.

Assessment:

100% Examination

Complementary Courses:

A Level Economics fits well into a variety of subject combinations but particularly compliments studies in Business, Politics, History, Geography, Maths and Core Maths.

Specification:

Edexcel A Level Economics (A)

Progression:

Economics will develop a range of transferrable knowledge and skills relevant for a range of careers.

Economics links well to careers in Business, Finance, Law, and Accountancy amongst others.

A Level English Language

'In the beginning there was the word...'

Language is central to our lives, both individually and socially, politically and globally. The ability to use language at a sophisticated level, whether it be speaking, reading or writing, is a highly desirable skill.

The A level English Language course offers students the opportunity to explore and develop their own writing and analytical skills. In Year 12 students will investigate the diversity of the English language and look at language used by different social and regional groups. In Year 13 students study the history of the English Language and explore how children learn to speak, read and write. Students will also complete a language investigation, a piece of original writing and an accompanying commentary in Year 13 for the non-examined assessment component of the course.

Entry Requirements:

Grade 6 in GCSE English Language.

Assessment:

80% examination
20% coursework

Complementary Courses:

English Language blends particularly well with History, Modern Foreign Languages, English Literature, Business Studies and Computer Science.

Specification:

AQA A Level English Language

Progression:

English Language will equip students with high-level communication skills, an ability to analyse oral and written texts closely, and the experience of writing competently for a wide range of audiences and purposes. English Language students frequently go on to pursue careers in journalism, broadcasting, public relations, marketing and creative industries and law.

A Level English Literature

English Literature is a highly regarded A level. Universities and employers view it as a versatile qualification which shows that a student can think deeply, communicate clearly, and write with flair and accuracy. It is a course that will be useful to all students, but will be most enjoyable to those who like reading and expressing their views in writing and in discussion.

Students study an interesting mixture of modern literature and texts from the English literary heritage. In Year 12 students will study a Shakespeare play, a collection of poetry and one prose text. In Year 13 students will study 'Modern Times – Literature from 1945 to the present day'. In Year 13 students also write a sustained comparative essay on two texts of their choice for the non-examined assessment component of the course.

Entry Requirements:

Grade 6 at GCSE in English Literature. Grade 5 in GCSE English Language.

Assessment:

80% examination
20% coursework

Complementary Courses:

English Literature blends particularly well with History, Modern Foreign Languages, Drama, Politics Art and Computer Science.

Specification:

AQA (A) English Literature

Progression:

English Literature is an excellent route into many interesting careers including journalism, broadcasting, marketing, public relations, human resources, the creative industries teaching and law. English Literature is valued by further educational institutions and opens doors to many professions.

A Level French

A Level French is an ideal course for those who wish to enhance their job prospects both in the UK and abroad in the increasing internationalism of the 21st Century.

A Modern Languages A Level aims to encourage maximum use of the foreign language in all four skill areas. In addition to the allocated lessons, in which students develop a range of practical skills to enable them to understand and communicate in the written and spoken language, they also work individually with a foreign language assistant to develop confidence and fluency in preparation for the oral examination. The course will foster an awareness and understanding of the cultural, social, commercial and political background of the countries in which the language is spoken. Wider reading will be greatly encouraged as a means of gaining maximum exposure to the foreign language and enhancing cultural awareness and understanding in preparation for study at degree level.

Entry Requirements:

Grade 6 in French GCSE, achieved through taking the higher tier paper.

Assessment:

Paper 1: 40% Listening, reading and translation into English

Paper 2: 30% Writing and translation into French

Paper 3: 30% Speaking

Complementary Courses:

Modern Languages courses can easily be combined with any other subject for careers in Business, Finance, Journalism, Law, Marketing, Media, Sales, Science, Travel and Tourism, Teaching or the Civil Service.

Specification:

Edexcel A level French

Progression:

Whether continuing on to university or entering the world of work, Modern Languages will equip students with highly transferable skills. As nations become ever more dependent upon one another to supply goods and services, solve political disputes and ensure international security, more and more businesses work closely with companies in other countries. They need many different kinds of workers who can communicate in different languages and understand other cultures.

A Level Geography

Geography A Level will inspire students to engage critically with real world issues and places, and to apply their geographical knowledge, theory and skills to the world around them.

The course will allow students to develop an understanding of human and physical processes such as tectonic hazards and globalisation on a range of different scales. Students will be able to analyse the interactions between people and the environment, appreciating how these underpin some of the key issues facing the world today. Fieldwork forms an important part of the course and is used as a tool in the understanding of the natural environment. In the process students become skilled at planning, undertaking and evaluating their own research.

Entry Requirements:

Grade 5 in Geography GCSE.

Grade 5 in GCSE English Language.

Assessment:

80% examination.

20% independent investigation.

Complementary Courses:

Geography A Level combines well with the full range of A Level subjects.

Specification:

AQA A Level Geography

Progression:

Geography allows students to develop highly transferable skills. Students will grow as independent and reflective thinkers, able to articulate opinions, suggest relevant new ideas and provide evidenced arguments in a range of situations.

The understanding and skills that come from the study of Geography are highly valued by universities and employers.

A Level German

A Level German is an ideal course for those who wish to enhance their job prospects both in the UK and abroad in the increasing internationalism of the 21st Century.

A Modern Languages A Level aims to encourage maximum use of the foreign language in all four skill areas. In addition to the allocated lessons, in which students develop a range of practical skills to enable them to understand and communicate in the written and spoken language, they also work individually with a foreign language assistant to develop confidence and fluency in preparation for the oral examination. The course will foster an awareness and understanding of the cultural, social, commercial and political background of the countries in which the language is spoken. Wider reading will be greatly encouraged as a means of gaining maximum exposure to the foreign language and enhancing cultural awareness and understanding in preparation for study at degree level.

Entry Requirements:

Grade 6 in German GCSE, achieved through taking the higher tier paper.

Assessment:

Paper 1: 40% Listening, reading and translation into English

Paper 2: 30% Writing and translation into German

Paper 3: 30% Speaking

Complementary Courses:

Modern Languages courses can easily be combined with any other subject for careers in Business, Finance, Journalism, Law, Marketing, Media, Sales, Science, Travel and Tourism, Teaching or the Civil Service.

Specification:

Edexcel A level German

Progression:

Whether continuing on to university or entering the world of work, Modern Languages will equip students with highly transferable skills. As nations become ever more dependent upon one another to supply goods and services, solve political disputes and ensure international security, more and more businesses work closely with companies in other countries. They need many different kinds of workers who can communicate in different languages and understand other cultures.

BTEC Level 3 Extended Certificate in Health & Social Care

This course is equivalent to 1 A Level and will be studied alongside 2 additional A Level (or equivalent) subjects. Health and Social care is an ideal course for those who wish to pursue a career in the Health Care or Social Care sectors. There are more than 300 distinct career paths in this sector which is a major employer, employing almost four million people across the UK.

There is a high percentage of internally assessed coursework, which may appeal to students who prefer a more continuous approach to assessment. The external assessments may be in the form of a written examination, but may also be a set task which is completed during a defined window. There will be an external exam at the end of Year 12.

Students will be encouraged and supported to participate in work experience as part of the course in order to develop a better understanding of the demands of working in the sector and to enhance university, employment or apprenticeship applications.

Entry Requirements:

5 grade 4s at GCSE including Grade 5 in English.

Assessment:

Assessments consist of four units of work, two of which are external.
58% External assessment
42% Coursework

Complementary Courses:

Health and Social Care particularly complements studies in Biology, Applied Science, English Language, Sociology and Psychology.

Specification:

Edexcel BTEC Level 3 Extended Certificate in Health and Social Care

Progression:

An Extended Certificate in Health and Social Care can lead to a variety of university and career options in the Health Care and Social Care fields, especially when combined with specific A Level courses.

The course supports access to a range of higher education courses in health and social care disciplines, if taken alongside further level 3 qualifications; for example, combined with Biology, Sport or Psychology, it can lead to courses in Midwifery, Nursing, Physiotherapy or Psychology.

A Level History

History at A level is an interesting and challenging subject which is well regarded academically by employers and universities. Former students have pursued a wide range of different courses and careers. History goes well with other Arts and Social Science subjects such as Politics, English and Geography.

The A Level looks at three very different areas of History: The Russian State 1855-1964, British History between the years 1906 and 1957, and the Tudor Monarchy. This has been designed to help students understand the significance of historical events, the role of individuals in history and the nature of change over time. The course will help students to gain a deeper understanding of the past through political, social, economic and cultural perspectives.

Entry Requirements:

Grade 6 in History GCSE, if taken. Grade 5 in GCSE English.

Although prior study of History is not required, students are expected to be able to demonstrate an interest in the subject.

Assessment:

80% examination.
20% coursework.

Complementary Courses:

History particularly complements studies in English Language, English Literature and Politics.

Specification:

AQA A Level History

Progression:

History will equip students with highly transferable skills. Students will be able to understand and assess ideas and arguments, construct cogent and focused arguments and support their claims with well-selected evidence.

With a qualification in History, you can go on to work in a great variety of careers in law, business and administration, the civil service, the armed forces, journalism and the media, teaching and the custodial arts.

A Level Mathematics

We believe that students should learn an approach to Mathematics that will equip them to use it in the adult world and be able to communicate what they are doing to those around them.

This course encourages students to develop their understanding of Mathematics in a way that promotes confidence and fosters enjoyment, extend their range of skills and techniques and use them in difficult unstructured situations, and develop an understanding of coherence, progression and connections.

Entry Requirements:

Grade 7 in Mathematics GCSE.

Students who achieve a high grade 6 will be considered for A Level Mathematics.

Assessment:

All components are assessed by examinations taken at the end of the course.

A Level Mathematics:

Three 2 hour papers

Complementary Courses:

Mathematics A level particularly complements studies in Science (especially Physics), Psychology, Business and Geography.

Specification:

OCR (MEI)

Progression:

Mathematics will develop a student's ability to reason logically. Students will find that many of the mathematical skills encountered will assist them when modelling 'real life' situations. Many students go on to study Mathematics, Physics and Engineering.

A/AS Level Further Mathematics

We believe that students should learn an approach to Mathematics that will equip them to use it in the adult world and be able to communicate what they are doing to those around them.

This course encourages students to develop their understanding of Mathematics in a way that promotes confidence and fosters enjoyment, extend their range of skills and techniques and use them in difficult unstructured situations, and develop an understanding of coherence, progression and connections.

Further Mathematics will be taught concurrently with A Level Mathematics. If students are considering a degree in Mathematics or related subjects (eg. Physics, Engineering) they will find that an increasing number of universities welcome knowledge beyond A Level Mathematics. They would therefore be wise to consider Further Mathematics at A or AS Level should they wish to pursue a Mathematics-based career.

Entry Requirements:

Grade 8 in Mathematics GCSE.

Assessment:

All components are assessed by examinations taken at the end of the course.

A Level Further Mathematics:

Three papers (a mandatory 2 hours 40 min paper, one major option 2½ hour paper and one minor option 1¼ hour paper)

Complementary Courses:

Mathematics A level particularly complements studies in Science (especially Physics), Psychology, Business and Geography.

Specification:

OCR (MEI)

Progression:

Mathematics will develop a student's ability to reason logically. Students will find that many of the mathematical skills encountered will assist them when modelling 'real life' situations. Many students go on to study Mathematics, Physics and Engineering.

A Level Music

Music A level enables students to develop their musical skills in the three key areas of performance, listening and appraising, and composition.

The A Level aims to provide students with a good understanding of theoretical and historical aspects of music, as well as the opportunity to apply this through developing a live performance repertoire and compositions. The examination will involve aural testing, applying musical knowledge and essay writing. In both Years 12 and 13 students will explore music from a wide range of genres and from different eras through listening and score analysis.

Musical performances give students the opportunity to demonstrate the ability to play pieces from a range of styles with accuracy and expression. Performance can be solo and/or ensemble. Composition will apply knowledge gained from all areas of the course to create interesting and stimulating music in a recognised style.

Entry Requirements:

Grade 6 in GCSE Music. ABRSM (or similar) Grade 5 practical on an instrument or voice. An audition will be required for external applicants. Students are expected to be open to a wide range of musical styles and genres from across a range of historical periods.

Assessment:

40% Written Examination
35% Performance/Composition
25% Performance/Composition

Complementary Courses:

Music A level complements studies in Music Technology.

Specification:

Eduqas A Level Music

Progression:

Music A Level will help students to develop a critical ear through listening as well as performance and creative skills. This will lead to the ability to analyse, deconstruct and construct music of any genre. Performance opportunities allow for collaboration between musicians and the opportunity to develop working relationships with others while regular private practice will help develop a strong sense of independence. The knowledge and skills students gain will be particularly useful for careers in live performance, songwriting and teaching, both classroom-based and peripatetic.

A Level Music Technology

Music Technology has become an integral part of the popular music industry. Understanding and using technology effectively and tastefully is a fundamental feature of this specification. This course will give you the scope to develop your individual strengths in a supportive environment while you explore new areas and skills.

The course looks at creating, producing and manipulating music and sound through sequencing, arranging, listening and recording. It also develops knowledge and understanding of how recording processes have changed.

Teaching and learning in Music Technology operates in a variety of styles. Some aspects of the course are teacher-led whereas others require candidates to research and work independently whilst the teacher acts as a mentor to guide work. There is a good balance between academic and creative input.

Entry Requirements:

Students will require a grade 5 in GCSE Music or will be able to demonstrate a strong interest in the subject area with evidence of prior work completed. The ability to play an instrument and read music is desirable but not compulsory as long as a student is willing to commit additional time to outside study in order to catch up.

Assessment:

- Component 1:** 20% Recording
- Component 2:** 20% Composition
- Component 3:** 25% Listening and Analysing
- Component 4:** 35% Producing and Analysing

Complementary Courses:

Music Technology complements studies in Music, Physics, Core Maths, Maths and Computer Science.

Specification:

Edexcel A Level Music Technology

Progression:

Music Technology will provide students with the ability to critically analyse work and carry out individual study methodically, both of which are highly transferable skills.

Potential careers include those in: Broadcasting, the Recording Industry, Media, Publishing, Arts Administration, Composing and Arranging, Sound Engineering, Teaching and Performing.

A Level Physics

Physics plays a key part in the future and success of society; it reveals to us how the world works and interacts together. Physics A level will take students along a path to create real change through the study of a number of areas such as innovation, design, medicine and engineering.

In Year 12 students will develop a deep knowledge and understanding of Physics at particle level and of how materials can be used in engineering. They will also look at some of the fundamental experiments that underpin our understanding of light.

In Year 13 students will look at interactions on macro and microscopic levels through fields and investigate the motion of objects through further mechanics. Students will also have the opportunity to choose an optional module including astrophysics or medical physics. All students' learning will be supported by practical activities and research to enable them to continue their studies of Physics at degree level, if they choose to do so.

Entry Requirements:

Grade 6 in Physics Separate Science GCSE, or grades 6-6 in Trilogy Science GCSE.
Grade 6 in Mathematics GCSE.

Assessment:

100% examination.

Complementary Courses:

Physics particularly complements studies in Biology, Chemistry, Mathematics, Further Mathematics and Languages.

Specification:

AQA A Level Physics

Progression:

Physics is a highly regarded A level course. It equips students with highly transferable skills much sought after in the wider world. The course will develop analytical and problem-solving skills. Physics A level is extremely useful for careers in Medicine, Veterinary Science, Engineering, Banking, Pharmacy and Research.



A Level Physical Education

This course provides breadth and balance, giving students the chance to study a wide array of theoretical areas that underpin physical education and sport. In choosing this course, students will develop knowledge which will equip them for undergraduate study in areas of Physiology, Biomechanics, Psychology and Sociology.

Students will also be able to gain credit for their practical sports ability through their performance in a wide range of individual or team sports.

Entry Requirements:

Grade 6 in GCSE PE, if taken.

Although prior study of examination based Physical Education is not required, interest in a range of sporting areas is essential.

Regular participation in one team/individual sport essential. (The ability to play this sport to a high standard is desirable.)

Assessment:

70% Written examination.

20% Practical performance in one sport or activity.

10% Written analysis of performance.

Complementary Courses:

Courses such as Psychology, Core Maths and Biology particularly complement A Level PE.

Progression:

The diverse nature of Physical Education makes it an excellent choice for students considering a wide range of higher education courses.

In previous years students have gone on to study Medicine, Law and Physiotherapy.

Specification:

AQA GCE A Level Physical Education

A Level Politics

Politics is an ideal course for those with a keen interest in the world around them, a desire to engage in informed debate and an openness about their own and others' views.

The A Level course aims to provide students with a general introduction to the political and governmental processes of the UK and USA and core political principles such as conservatism and socialism. In Year 12 students will be looking at issues such as the extent to which the UK has a democratic system, how the ideologies of the main political parties differ and whether it is time for there to be a written UK constitution. In Year 13 students compare and contrast UK systems with those of the USA, considering the impact of race and a presidential system on the workings of politics.

Entry Requirements:

5 GCSE Grade 5s including English Language and Mathematics.

Although prior study of Politics is not required, students are expected to have an interest in current affairs.

Assessment:

100% examination.

Complementary Courses:

Politics particularly complements studies in History, English Language, Economics and English Literature.

Specification:

Edexcel A Level Politics

Progression:

Politics will equip students with highly transferable skills. Students will be able to understand and assess ideas and arguments, construct cogent and focused arguments and support their claims with well-selected evidence.

The knowledge and skills gained will be particularly useful for careers in law or journalism.

A Level Design Technology: Product Design

The Product Design course is focused on the analysis of consumer products and applications in respect of materials, components, and marketability in order to understand their selection and uses in industrial and commercial practices of product development.

Product Design A level is designed to encourage students to:

- Identify product requirements
- Understand implications of wider design issues
- Consider materials
- Understand manufacturing processes and techniques
- Understand and follow health and safety requirements
- Learn from existing products and practice
- Develop design, thinking and communication skills
- Increase technical understanding
- Evaluate the viability of design solutions
- Advance making skills

Entry Requirements:

Grade 5 in a GCSE Design subject, if taken. Minimum Grade 5 in Mathematics.

Prior study of one of the Design and Technology subjects is advantageous.

Assessment:

Component 1: 26.7% Principles of Product Design Examination

Component 2: 23.3% Problem Solving in Product Design Examination

Component 3: 50% Iterative Design Project

Specification:

OCR A level Design and Technology: Product Design.

Progression:

The course provides a suitable foundation for the study of design or design-related courses in higher education such as Engineering, Resistant Materials and the specific focus Product Design.

Complementary Courses:

Product Design particularly complements studies in Sciences, Maths, Core Maths, Art and other creative subjects.

A Level Psychology

Through the study of psychological theories, concepts and research, candidates will develop an understanding of the principles and perspectives governing the subject.

Year 12 students will be looking at Cognitive and Developmental Psychology, Biopsychology, Individual Differences and Social Psychology plus Research Methods, giving candidates a broad base of understanding in the subject. In Year 13 there is the opportunity for candidates to further develop their knowledge and understanding of some of the core areas from Year 12. In addition, Year 13 students will look at the units of Topical Issues and Debates as well as three additional units, chosen from a list of options.

Entry Requirements:

Grade 5 in GCSE Psychology, if taken.
Grade 5 in one Science GCSE.
Grade 5 in GCSE English.

Assessment:

100% examination.

Complementary Courses:

A Level Psychology particularly complements studies in English, Core Maths, Sociology, Biology, PE and Health and Social Care.

Specification:

AQA A level Psychology

Progression:

Students of Psychology develop the ability to apply psychology to cultural, social and contemporary issues and use a range of research methods to investigate psychological issues. Students will develop the ability to understand theories, interpret research evidence, formulate and develop arguments and form effective evaluation. The knowledge and skills you will gain will be particularly useful for careers working with people. Many students who study Psychology go on to work in sport, business, health, psychology and education.

A Level Sociology

Sociology is the study of society. We look at how society is organised through institutions like the family, education, media and peers and how these affect individuals within society. Sociology also considers many contemporary social concerns like crime, inequalities in terms of class, gender, ethnicity and age, and current issues such as identity.

In Year 12, students will be looking at sociological theory, families and households, education and research methods. In Year 13, students continue developing their theoretical knowledge of Sociology, as well as studying crime and deviance, along with beliefs in society.

Entry Requirements:

Grade 5 in GCSE English.

Assessment:

100% examination.

Complementary Courses:

A Level Sociology particularly complements studies in Psychology, English, Government and Politics, History and Health and Social Care.

Specification:

AQA A Level Sociology

Progression:

Students in Sociology learn how to evaluate sociological explanations, develop their ability to analyse social issues, and apply knowledge of research methods to new situations to assess the uses and limitations of research methods. Students will also develop the ability to produce extended written responses to often complex issues. Many students have moved on to study sociology and/ or criminology at University and most have commented on the usefulness of a social science background in a variety of other subjects like law, anthropology, journalism, nursing, teaching, policing, criminology etc.

A Level Spanish

A Level Spanish is an ideal course for those who wish to enhance their job prospects both in the UK and abroad in the increasing internationalism of the 21st Century.

A Modern Languages A Level aims to encourage maximum use of the foreign language in all four skill areas. In addition to the allocated lessons, in which students develop a range of practical skills to enable them to understand and communicate in the written and spoken language, they also work individually with teachers outside of lesson time to develop confidence and fluency in preparation for the oral examination. The course will foster an awareness and understanding of the cultural, social, commercial and political background of the countries in which the language is spoken. Wider reading will be greatly encouraged as a means of gaining maximum exposure to the foreign language and enhancing cultural awareness and understanding in preparation for study at degree level.

Entry Requirements:

Grade 6 in Spanish GCSE, achieved through taking the higher tier paper.

Assessment:

Paper 1: 40% Listening, reading and translation into English

Paper 2: 30% Writing and translation into Spanish

Paper 3: 30% Speaking

Complementary Courses:

Modern Languages courses can easily be combined with any other subject for careers in Business, Finance, Journalism, Law, Marketing, Media, Sales, Science, Travel and Tourism, Teaching or the Civil Service.

Specification:

Edexcel A level Spanish

Progression:

Whether continuing on to university or entering the world of work, Modern Languages will equip students with highly transferable skills. As nations become ever more dependent upon one another to supply goods and services, solve political disputes and ensure international security, more and more businesses work closely with companies in other countries. They need many different kinds of workers who can communicate in different languages and understand other cultures.

Level 3 Certificate Core Mathematics

Introduction to quantitative reasoning & statistical problem solving.

This qualification is designed to support students with the mathematical and statistical needs of their further study of other subjects, as well as for employment and everyday life. The needs of students preparing for a variety of technical and professional roles are met through learning about mathematical modelling, costing, risk and the use of spreadsheets. Financial problem solving is a part of the qualification; this is important for all students, irrespective of their future ambitions. This qualification gives students the mathematical skills to tackle problems in a variety of authentic situations. applying them to the problems which they will encounter in further study, life and employment. The use of technology – in particular, spreadsheets – is an integral part of the course.

The course will be delivered in a Linear format over Year 12 and 13 alongside a 3 subject study programme. This course is equivalent to an AS Level in UCAS points.

Entry Requirements:

Grade 5 or higher in GCSE Maths, achieved from the Higher Tier papers

Assessment:

Two x 2 hour papers taken at the end of Year 13.

Complementary Courses:

Core Maths complements Economics, History, Business, Politics, Biology, Applied Science and Psychology particularly well.

Specification:

OCR (MEI) Syllabus B

Progression:

The intention of this qualification is to prepare students, who have different goals in terms of their educational and employment progression, to tackle mathematical problems. This course can strengthen progression routes for students who do not wish to study A Level Maths, as well as support progress in complimentary A-Levels for which the development of quantitative reasons and use of statistical problem solving skills are required.



EPQ Information ➤

Extended Project Qualification (EPQ)

During the Spring Term of Year 12 students who are coping well with their A level / BTEC studies will be given the opportunity to embark on the EPQ. This is a stand-alone qualification, equivalent to half an A level, which is graded A* - E and worth up to 28 UCAS points. The EPQ will develop and extend from one or more of the student's subjects and/or from an area of personal interest or activity outside their main programme of study. It will be based on a topic chosen by the student and agreed as appropriate by the EPQ Coordinator.

Delivery of the EPQ will involve some teaching of the necessary skills and supervision meetings to support and monitor the student's progress, but primarily it will require extended independent work by the student.

Entry Requirements:

5 GCSE grades at 9-5 including English and Mathematics.
Only students coping very well with the demands of their A Level / BTEC programme will be encouraged to embark on the EPQ.

Assessment:

The EPQ assesses a whole learning process, and in this respect is very different from coursework. All project products (outcomes can be in the form of a written dissertation or an artefact) must include a written report of between 1000 and 5000 words. In addition, students must provide a presentation for a non-specialist audience and use media appropriate to the type of project. Each student is allocated a supervisor who is there to guide and advise the student where appropriate.

Complementary Courses:

The EPQ works well alongside all subjects.

Specification:

AQA EPQ

Progression:

Although the EPQ is not essential for a successful UCAS application, many universities view the EPQ favourably given that the level of research it requires prepares students very well for undergraduate study.



Enrichment AS Levels

Enrichment AS Levels are designed to be studied alongside a full A Level study programme. Students enrolling in this study programme should have achieved at least 3 GCSEs at grade 8/9 and some subjects at grade 6 or above.

AS Level Classics

"He alone seems to live truly and to enjoy his existence who, concentrating on some enterprise, finds a reputation for a distinguished deed or good practice."
Sallust, Cataline's War.

The Classics department at Tytherington School has been encouraging distinguished deeds and good practice since its inception, and the current staff remain committed to this ideal. The study of Classical Civilisation touches on a varied range of topics from ancient philosophy, history and politics to religion, literature and the arts. It encourages excellence in pupils of all abilities and ensures that entrants to university and the jobs market alike will stand out from the crowd.

In Year 12, students will look at the roots of Western Literature through the study of the epic poem, Homer's Odyssey. We shall follow his exploits through the Aegean Sea; learning about fabulous monsters, the Mycenaean World and the nature of heroism along the way. In Year 13 we shall delve into the tragic, gruesome and at times hilarious world of Greek Theatre. We will study two tragedies and a comedy which have left an indelible mark on the storytelling of modern life along with the political system which allowed its nascence; the democracy of Classical Athens. An AS in Classical Civilisation provides an excellent general knowledge of the ancient world and is also hugely fun - truly fantastic in every sense of the word.

Entry Requirements:

Grade 6 in GCSE English Language.

Assessment:

Written examinations:
50% World of the Hero
50% Greek Theatre

Complementary Courses:

AS Classical Civilisation forms the building block to so many facets of our culture, it is supported by: English Literature, History, Religious Studies, Philosophy, History, Drama, Politics and Art. Many students choose to study simply out of personal interest.

Specification:

OCR Classical Civilisation

Progression:

Classical Civilisation provides students with unparalleled textual analysis skill alongside the ability to formulate an eloquent argument and exercise creative élan. The qualification is hugely useful in Politics, Journalism, Law, Media, Art, Diplomacy, Public Relations and Broadcasting to name but a few.

AS Level Music

AS Level Music (2 Year Course) allows students to continue their musical development post GCSE on a reduced workload. Students will study Performance, Composition and Analysis.

Students will continue building on their instrumental practice and performance, showcasing an understanding of musical elements, style, interpretation and expression.

The course aims to develop compositional skills, demonstrating the manipulation of musical ideas and enhancing student's creativity.

Students will engage with and analyse a diverse heritage of music in order to promote personal, social, intellectual and cultural development.

Completion of the qualification is optional, making this an excellent opportunity to further develop musicality without additional examination pressure.

Entry Requirements:

Grade 6 in GCSE Music, ABRSM (or similar). Grade 5 practical on an instrument or voice. An audition would be required for external applicants and/or students who do not meet this criterion.

Assessment:

40% Written Examination
30% Performance
30% Composition

Complementary Courses:

A Level Music Technology

Specification:

Eduqas AS Level Music

Progression:

The 2 year AS course encourages independent work for creatively driven individuals. It allows students to remain engaged with their instrumental practice throughout A Levels.

The qualification is an excellent addition to University applications for those students following different paths.

AS Level Philosophy

The new AS is designed to give students a thorough grounding in the key concepts and methods of philosophy. Students will have the opportunity to engage with big questions in a purely secular context.

Students will develop important skills that they need for progression to higher education. They'll learn to be clear and precise in their writing and thinking. They will engage with complex texts, analysing and evaluating the arguments of others and constructing and defending their own arguments.

Subject Content: Epistemology and Moral Philosophy.

Entry Requirements:

Grade 6 in GCSE English. Grade 6 in GCSE Religious Studies, if taken.

Assessment:

Written exam: 3 hours
100 marks
50% of A Level

Questions:

Section A: Five questions on epistemology
Section B: Five questions on moral philosophy

Specification:

AQA AS Level Philosophy

Progression:

Students may use this subject to help develop their analytical thinking and support wider reading and research. It supports post-18 study in numerous fields.

Complementary Courses:

AS Philosophy particularly complements any humanity rich subject such as History, English, Geography and Religious Studies.



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