



Welcome

Queen Elizabeth Grammar School Penrith will help you secure the next steps towards your future. If you are considering joining us in September, you will be joining a school with a strong reputation for academic success as well as extensive enrichment and extra-curricular programmes to provide opportunities for personal growth.

Why choose us?

Academic success:

- In 2016, our overall pass rate at A-Level was 98.5%. 64.1% of all grades were at A*-B and 43.8% were at A*/A
- For the last 3 years, our Value-Added performance has been judged to be in the top 25% nationally



Choice and Expertise:

- As a specialist, academic A-Level only, provider we offer around 25 courses every year at full A-Level.
- Staff are specialists in their subjects. They are also experienced at teaching the transition from GCSE to A-Level and may know you well already.

Pastoral Support and Opportunities

- The Sixth Form pastoral team offers outstanding support and guidance. Regular monitoring ensures that students perform to their full potential.
- There is a strong focus on personal development and challenge.
- Enrichment activities encourage students to become confident, independent learners, well prepared for the next stage of their lives.
- Our students have access to the best universities and courses. In 2016 over 50% of the students who progressed to university attended Russell Group and top ranked institutions, 4 of these at Oxbridge.

We believe that Queen Elizabeth Grammar School Sixth Form offers you the opportunities to make the most of your potential. If you decide that we are right and that this is the place for you, we would be delighted to welcome you in September.

Mr P Buckland
Headteacher
February 2017



Joining us

We welcome students from a wide range of schools across Cumbria to join our year 11 students, most of whom stay on at Queen Elizabeth Grammar School.

The entry requirements for each subject are detailed on the subject pages and you will need to meet them as well as achieving an overall profile of at least 5 A* - C or 9 - 5 GCSEs including 5 or above in both maths and an English qualification.

Our Sixth Form is a popular choice for post-16 study so we would encourage you to apply as soon as possible following the information evening. We guarantee a place to all Year 11 students at Queen Elizabeth Grammar School who meet the entry requirements.

Please read the information provided in the prospectus for each subject where we hope to give you an insight into the courses we offer and the prerequisites for success. Please use the contact details for each subject if you have further questions about the subject.

For general enquiries about curriculum choice or support in Sixth Form, please contact Mr Martin or Miss Smith (Joint Heads of Sixth Form) or for curriculum issues Dr Mawson (Deputy Headteacher).

Sixth Form Leadership



Mr Martin is Joint Head of Sixth Form

We hope after reading this guide you will seriously consider Queen Elizabeth Grammar School Sixth Form as your next step. We have a large and thriving Sixth Form with an excellent record of academic success as well as outstanding achievements in sports, the arts and enterprise.

The Sixth Form provides not just a wide range of academic courses but many social, cultural and sporting activities. There are also opportunities for you to contribute to the school and wider community with various volunteering opportunities.

Contact AMartin@qegs.cumbria.sch.uk

Miss Smith is Joint Head of Sixth Form

Queen Elizabeth Grammar School offers a comprehensive programme of academic and pastoral support. This encourages students to realise their full potential as individuals within an academic, caring environment. Our goal is to produce well-rounded people who have the capacity to succeed in the modern world whatever path they choose.

We shall be holding a Sixth Form Induction Course from 26th to 28th June 2017 that will give you a chance to find out more about us; we look forward to seeing you there. In the meantime, if you have any questions, just ask!

Contact VSmith@qegs.cumbria.sch.uk





Sixth Form Leadership



Will Melling is our elected Head boy

I am studying maths, history and philosophy and hope to pursue a career in law. In the Sixth Form keeping on top of work is important. You will have some time where you can organise your own study during the school day. There are many opportunities for support both in lessons, where class sizes can be slightly smaller, and through the range of support sessions offered across the school.

However, school is certainly not all about work. In the Sixth Form building, the common room has been refurbished, with new seats and a kitchen. This is a place only for year 12 and 13 students and is great for meeting friends at break-time. I would encourage all Sixth Formers, but especially if you are new to the school, to get involved in something extra-curricular from the huge range of activities available.

Megan Hudson is our elected Head girl

I joined Queen Elizabeth Grammar School in Year 12 to study English, philosophy and history. Stepping out of your comfort zone is always a challenging prospect, especially during the transition to A-Level. However, choosing to move to Queen Elizabeth Grammar School was one of the best decisions I have made. A large, busy, welcoming Sixth Form has made the past year a truly enjoyable experience. Staff and Students have gone out of their way to make the integration easier.



Student Leadership Team 2016-17



Making Choices

When making the choices for your A-Level subjects it is important to consider what your future goals and ambitions are. Always check what the requirements are for particular careers or university courses.

We recommend that the majority of students begin their studies on three A-Levels. The structure of the new courses from 2017 means that we do not offer AS-Level qualifications; all courses last for two years.

Some students may take four A-Levels if the majority of their grades at GCSE are at Grade A*. Those doing further mathematics would usually be advised to do four A-Levels.

All students who are taking three A-Levels will take an Extended Project Qualification (EPQ), which is an opportunity to develop independent study skills whilst investigating an area of your choice. This is excellent preparation for university study.

Facilitating Subjects

If you are unsure about your future plans we would recommend taking at least one facilitating subject. These are the subjects that have been identified by the Russell Group Universities as those that provide the most opportunities post-18. Many courses require you to take two facilitating subjects while others such as medicine stipulate the courses that are essential.

The facilitating subjects are:

Mathematics	Biology
Further Mathematics	Chemistry
English Literature	Physics
Geography	History
Languages	



Extra-curricular opportunities

It is difficult to sum up all the exciting opportunities available at Queen Elizabeth Grammar School to enrich your time with us. We are very proud of the range of activities that take place, and we are always open to new ideas. If the club or activity you are interested in does not yet exist, then there are leadership opportunities for you to set it up with the support of our staff.

We encourage all our Sixth Form students to take part in some extra-curricular activities during their time in school to allow them to relax, be challenged and to flourish in alternative environments to the classroom. The skills you gain from these activities are essential for your all round development and future applications to university or employment.

Sports

Queen Elizabeth Grammar School has a tradition of offering a huge range of sports. In the Sixth Form, you will have a games session every Wednesday afternoon where you have the chance to opt into a range of different sports both on site and at external venues, from rugby, tennis, climbing and swimming to mindfulness. There are many teams that run if you would like to play competitively, and many social sporting activities to take part in just for fun. There are opportunities for sports leadership through house and form competitions.



Arts and Entertainment



Art, drama and music are strengths of the school. There are numerous opportunities to participate, perform and appreciate the arts at Queen Elizabeth Grammar School. There are trips and visits to the theatre, museums, art galleries and other cultural opportunities. Whether you are an experienced performer or new to taking part there are opportunities for you, as well as the roles backstage for school productions and shows.



STEM and The Arkwright Scholarship

We offer a wide range of Science, Technology, Engineering and Maths opportunities beyond the curriculum. We have been successful in the Team Maths Challenge in recent years and work closely with the Further Maths Network.

Queen Elizabeth Grammar School is an Arkwright affiliated school, so if you have applied for, or obtained, an Arkwright scholarship we are well placed to support you through the process and have significant experience of the programme.



Duke of Edinburgh Award



Every year we have many students who take part in the Duke of Edinburgh Award at all levels. Queen Elizabeth Grammar School provides the opportunity for students to enter directly onto the Gold award having not done the Bronze or Silver previously. We offer a range of activities and opportunities to support students to achieve the recognition of this award, including expeditions, volunteering opportunities and skill development.

Leadership and Learning

There is a wide range of opportunities to develop your leadership skills during your time in Sixth Form.

Representing others: You can be on the school council or on the student leadership team, to represent your tutor group and to make an impact on the future of the school.

Volunteering: Taking part in one of the volunteering activities available can be a good way to give back to those less fortunate than yourself whilst learning vital life skills. Sixth Form service periods offer the chance to work with younger students, volunteer at local care homes or raise money for charity.

Sixth Form Buddies: Acting as a Sixth Form buddy gives you the chance to support younger students and build essential skills in communication, empathy and organisation.



Trips and visits

A flavour of the extensive trips and visits that take place for Sixth Formers at Queen Elizabeth Grammar School...



Environmental Science trip to Iceland



Football tour to Holland



Drama participating in the Winter Drovning



Geology trip to Tenerife



Expedition trips: next year to Swaziland and Nepal



Music trip to Paris



Trips and visits



Rugby tour to Austria



History, Politics Drama and English trips to London



Art trip to Venice



Harrogate sports tour for girls



UKMT Senior Maths Challenge



Sixth Form visit to Cambridge University



Support and facilities

Tutor Groups

All students are placed into a tutor group during their time in Sixth Form. Your tutor will be your first point of contact for support to help and guide you. The tutorial programme will support you to make sure that you are making appropriate progress and to make the decisions for the next steps in your learning, education and future. Tutor groups will be made of a mix of students who have been at Queen Elizabeth Grammar School since Year 7 as well as those who join us for Sixth Form to ensure a smooth transition for all.

Common Room

Year 12 and 13 students have exclusive access to a common room in our Sixth Form block. It is a place to socialise, relax and study. It has been recently renovated to include a new kitchen area for students to access.

Study areas

There is a wide range of places for students to study during the time when they do not have formal lessons. We have a well-stocked library that is staffed with experienced staff to help you with your research and study, a supervised quiet study area, computer rooms as well as space for group study in the canteen.



**What do our students think?****Jake Marshall, Year 12**

'I have loved the step up to Sixth Form at Queen Elizabeth Grammar School; the teaching contains the same vibrancy as ever but with added respect and freedom. The extra privileges are great, but the allocated study time is incredibly useful in letting me find a balance between school work and everything else that makes up Sixth Form life.'

Kasia Davies, Year 12

'Though I have been at Queen Elizabeth Grammar School since Year 7 coming to Sixth Form was still a big change. I really enjoy the fact that I only do subjects that I have chosen. The classes are generally a lot smaller, which means you can have really good discussions'

**Niall Burnie, Year 12**

'I joined Queen Elizabeth Grammar School for Sixth Form and have found settling in easy - it is a very welcoming environment that promotes hard work and discipline. The teachers provide help at every turn and have made easing into everyday life at A-Level more manageable.'

Georgie Burgess, Year 13

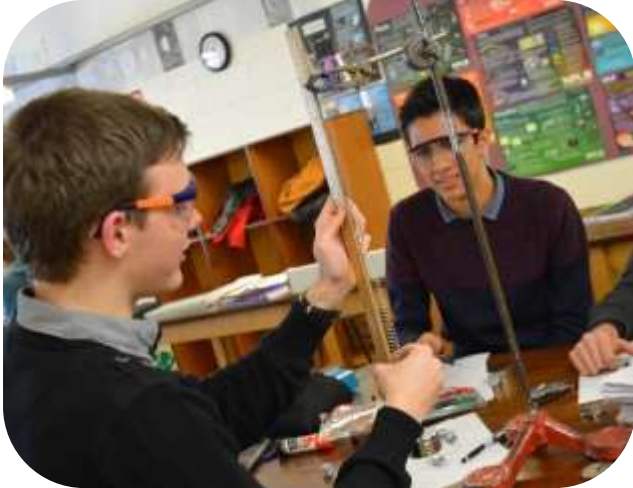
'There is a relaxed, yet motivated atmosphere in Queen Elizabeth Grammar School Sixth Form. You are presented with numerous opportunities, such as volunteering, leadership or through trips. Although the difficulty of the work increases at A-Level, you do not mind as you are studying subjects you enjoy. I feel well prepared for university and supported by my teachers.'





Progression

Further Study



Most of our students choose to continue their studies at a higher level. Over 90% gain entry to their first-choice university course and of them 80% choose top universities. Throughout Years 12 and 13, we provide a range of services and information to inform their choice. These vary from formal lecture sessions about essential topics such as student finance, to university open day visits. Information about higher education institutions is also available on the notice boards, in the prospectus library and on-line. Support is also available for those students who choose to take a gap year or go into employment following their time in Sixth Form.

Partnership Agreements

We have strong relationships with a range of universities. In particular, we offer a partnership agreement with Newcastle University where students may receive lower grade offers if they participate in one of the pre-application schemes. We can also support students to apply for the supported progression scheme at Durham University.

Oxbridge and competitive university application support

Every year around 15% of our cohort apply for a place at Oxford or Cambridge, with most gaining an interview for a place. We offer a wide range of specialist support for these students, along with those who are applying for competitive programmes such as medicine, dental and veterinary science.

Additional reading and work is provided by departments to support students' wider understanding of their subject of interest. Fortnightly discussion groups cover general knowledge, current affairs and interesting issues.

In Year 13 applicants attend several workshops on interview preparation and technique. All students are given at least one mock interview with subject specific staff or outside experts at our interview evening.

We support students with the admissions tests through specific and specialist classes.

Any students who will require an interview for their future course or career will be given support to prepare through mock interviews and tailored support.



Some of our successful Oxbridge applicants

**Courses for 2017****Arts**

Fine Art
Graphic Art
Drama and Theatre
English Language
English Literature
Music

Humanities

Medieval History
Modern History
Geography
Politics
Environmental Science
Geology

Technology

Design Technology: Product Design
Design Technology: Fashion and Textiles

Sciences

Biology
Chemistry
Physics
Mathematics
Further Mathematics
Physical Education

Languages

French
German

Social Sciences

Economics
Philosophy of Religion

Enrichment

Extended Project Qualification (EPQ)
Voluntary work
Sport
Arts and entertainment
Student leadership
First Aid
Study Skills

**Why study Fine Art or Graphic Art?**

Art and design allows development of creativity and artistic expression, and is one of the only subjects to be almost entirely practical. Art and design is vital in today's ever-changing world, where aesthetics are equally as important as function. Indeed, art surrounds us in our everyday living environment; from the buildings we live in, mobile phones used to text, and the clothes on the high street.

Students studying art will explore and develop their artistic skills in a variety of disciplines. Learners will also develop their ability to analyse artwork and think critically about the creative world and apply that knowledge to their projects. The course is designed with further education in mind, so that students who wish to pursue a career in art and design have the skills and knowledge required; many students do continue into highly successful careers in the widely increasing creative industries.

What do I need to know or be able to do before taking this course?

You need to have gained a GCSE grade A or above. You will be required to explore drawing using a variety of methods and media on a range of scales. Students will use sketchbooks/workbooks/journals to underpin their work. This course requires a significant amount of independent study.

Features of the course:

Students will produce practical and critical/contextual work in one or more areas including painting, drawing, mixed media, sculpture, installation, printmaking, film, animation, video, photography, lens-based and/or light-based media. Graphic art students will follow the same course but will produce their development and final pieces using the computer program Photoshop. Their outcomes will be of a graphic nature such as stamp presentation packs, posters or calendars.

Key information:

Topics for Study:	<p>Fine Art: Students should produce practical and critical/contextual work in one or more areas including painting, drawing, mixed media, sculpture, land art, installation, printmaking, film, animation, television, video and photography: lens-based and/or light-based media.</p> <p>Graphic Art Students should produce practical and critical/contextual work in one or more areas including illustration, advertising, packaging design, design for print, communication graphics, computer graphics, multimedia, animation, web design, film, television and/or video.</p>
Assessment summary	<p>Unit 1 - Natural Forms - Portfolio</p> <p>Unit 2 - Externally set assignment including a 10 hour supervised piece of work</p> <p>Unit 3 - Personal Study Project 1000-3000 words</p> <p>Unit 4 - Externally set assignment including a 15 hour examination</p>
Entry requirements	Grade A or above in GCSE Art
Exam Board	AQA
Subject lead contact details:	Mrs Sadowski, Head of Art; HSadowski@qegs.cumbria.sch.uk

**Why study Drama and Theatre?**

Students of AQA drama and theatre develop skills that are not just essential for drama but applicable to a wide range of higher education subjects and in the workplace. This specification refines students' collaborative skills, their analytical thinking and their approach to research. Students grow in confidence and maturity as they successfully realise their own ideas. They learn to evaluate objectively and develop a sound appreciation of the influences that cultural and social contexts can have on decision-making. Whatever the future holds, students of A-Level drama and theatre emerge with a toolkit of transferable skills preparing them for their next steps.

What do I need to know or be able to do before taking this course?

Students need to demonstrate that they have an interest in drama and the theatre. You need to read widely and be able to reflect on the impact of theatre in different contexts. There may be opportunities for optional visits for which there would be additional costs.

Features of the course:

This qualification emphasises practical creativity alongside research and theoretical understanding. Students learn through experience, seeing theatre and making theatre for themselves. Students are introduced to a wide range of theatrical styles and contexts as they explore plays practically and devise and work on performances.

Students choose to develop as a:

- performer
- designer (lighting, sound, set, costume)
- director
- combination of these.

Whichever option they choose, students will gain many invaluable skills, both theatrical and transferable, to expand their horizons.

Key information:

Topics for Study:	Three components: <ul style="list-style-type: none"> - Drama and theatre - Creating original drama - Making theatre In the practical components students may specialise in performing, lighting, sound, set, costume, or directing.
Assessment summary	1 x 3 hour written examination (40%) 1 x Creating original drama practical, group assessment including working notebook (30%) 1 x Making theatre practical, individual or group assessment and reflective report (30%)
Entry requirements	Grade B in GCSE Drama or a Grade 6 in GCSE English plus an audition/interview
Exam Board	AQA
Subject lead contact details:	Miss Coates, Head of Drama; DCoates@qegs.cumbria.sch.uk



Why study English Language?

The skills required for English language can be applied in a range of contexts and future careers. The ability to analyse English language and construct a written argument is invaluable to communicate effectively and relate to others.

What do I need to know or be able to do before taking this course?

Students need to have a good understanding of the work covered at GCSE level in English language. They should have an interest in how language is constructed and a desire to learn more. Wider reading is essential for success on this course.

Features of the course:

This course very much focuses on the analysis of language and helps students to develop their linguistic skills and knowledge. There is also a creative writing element, which provides students with the opportunity to produce and develop their own work. The main emphasis, however, is to equip students with the tools to de-construct how language is used in a variety of real life contexts. There are no set texts for the course, but the English department will provide or direct students to many stimulating and challenging resource materials.

The A-Level course divides into studying both spoken and written English in a range of contexts.

In the 'Spoken English' course, you will focus on the media and learn how to transcribe and analyse interactions such as news interviews or radio and television adverts.

In the 'Written English' course, you will study different genres and try your hand at the demands of writing in different styles.

Underpinning both studies is a core course of language analysis covering aspects of texts such as: purpose, audience, mode, vocabulary, grammar, text structures, phonology and graphology.

Key information:

Topics for Study:	Component 1: Language Concepts and Issues including analysis of spoken language and language issues. Component 2: Language Change Over Time including English in the twenty-first century. Component 3: Creative and Critical Use of Language Component 4: Language and Identity coursework
Assessment summary	1 x 2 hour examination (30%) 1 x 2 hour 15 minutes examination (30%) 1 x 1 hour 45 minutes examination (20%) 1 x 2500-3500 word coursework piece (20%)
Entry requirements	Grade 6 in GCSE English Language
Exam Board	WJEC
Subject lead contact details:	Mrs Cooke, Head of English; SCooke@qegs.cumbria.sch.uk

**Why study English Literature?**

English literature is an enjoyable and challenging subject for students who enjoy reading, talking and writing about a variety of texts, ranging from some of the earliest writers in the English canon, to contemporary texts written in the last few years. Teachers choose to teach poems, plays and novels that they are passionate about and there is also the opportunity for students to choose their own texts for independent study. The course will appeal to those who enjoy expressing their own opinions and developing independent ideas.

As well as for students who are already committed to the study of English at university, it is also an ideal choice for pupils who want to keep their options open for further study, being formally listed as a facilitating subject for Russell Group Universities.

What do I need to know or be able to do before taking this course?

Students need to have a good understanding of the work covered at GCSE level in English literature. They should have an interest in analysing literature from a range of genres. Wider reading is essential for success on this course.

Features of the course:

Lessons tend to be largely discussion based, as this is a subject that thrives on lively debate and a willingness to defend and challenge ideas. Outside of lessons, work tends to focus on independent reading and essay writing. The English department organises frequent theatre trips to complement the works being studied.

The ability to read critically and discerningly, to produce accurate, persuasive writing and to have confidence in one's own judgements are clearly invaluable skills.

The drama texts will include one Shakespeare text and one other text (contemporary or pre 1900).

The two prose texts will be from a chosen theme such as science and society, the supernatural, crime and detection, childhood or colonisation and its aftermath.

A selection of post-2000 poetry and specified poetry from a literary period will be studied.

Key information:

Topics for Study:	Component 1: Drama (30%) Component 2: Prose (20%) Component 3: Poetry (30%) Component 4: Coursework (20%)
Assessment summary	1 x 2 hour 15 minutes open book examination (30%) 1 x 1 hour open book examination (20%) 1 x 2 hour 15 minutes open book examination (30%) 1 x 2500 - 3500 words coursework (20%)
Entry requirements	Grade 6 in GCSE English Literature
Exam Board	Edexcel
Subject lead contact details:	Mrs Cooke, Head of English; SCooke@qegs.cumbria.sch.uk



Why study Music?

The GCE course is excellent preparation for higher education courses in music, but is equally valuable for non-specialists as a second or third area of study. The A-Level qualification can lead to a wide range of careers in performance, composition, primary and secondary teaching, music therapy, publishing, promotion and marketing, journalism and many other areas.

What do I need to know or be able to do before taking this course?

You must have a good understanding of the content of the GCSE music course and demonstrate a practical ability in a musical instrument or voice. You must be able to read music and have an interest in a wide range of music.

Features of the course:

Edexcel music is a stimulating and enriching course. As with GCSE, students will experience the three key areas of performance, composition and appraisal. 60% of the course is based on practical controlled assessment, much of which is internally marked; the remaining 40% is based on a written examination at the end of the course that focuses on a series of set works from a variety of musical styles, genres and cultures.

Throughout the course you will develop skills as a performer (leading to a recital) and composer (composing to a brief and technical studies). Listening skills are focused on through the study of familiar and unfamiliar music, and understanding how it works.

Key information:

Topics for Study:	Performing (30%) Composing (30%) Appraising (40%)
Assessment summary	A recital performance of one or more pieces to be recorded in school and externally marked. Can be a solo or ensemble performance or improvisation lasting a minimum of 8 minutes at Grade 6+ standard. One composition of at least 4 minutes either free or following a brief. One composition exploring compositional techniques and at least one minute long. 1 x 2 hour written examination based on set works.
Entry requirements	Grade B in GCSE Music or proof of practical expertise. Must be able to read music and perform to Grade 6 + at the end of the course.
Exam Board	Edexcel
Subject lead contact details:	Mrs Bagot, Head of Music; JBagot@qegs.cumbria.sch.uk



Why study Medieval History?

History helps you to discover how your world evolved. It helps you to develop skills to look beyond the headlines and to ask critical questions. It teaches you to express your own opinions with clarity and precision. History helps you learn how to think and process information and understand the origins of modern political and social problems.

Historians have always made a virtue of the importance of making objective judgements based upon wide reading and an understanding of multiplicity of conflicting sources. We value the ability to write clear, literate, synoptic, analytical prose that represents a balanced assessment of the evidence but which is not frightened of drawing bold conclusions. History training therefore imparts vital transferable skills that are extremely useful in many jobs.

What do I need to know or be able to do before taking this course?

You must have an interest in this period of history and be interested in studying it in more detail. You should be prepared to read more widely around the subjects being discussed and present written work that is beginning to show an ability to justify and explain your thinking.

Features of the course:

In the breadth study students move beyond Western European history to the great civilisations of Byzantium and the Middle East in the age of the crusades. They contain every element of social, political and economic history. For example, the motivation to join a crusade combined the social power of God and the church, the economic impact of poverty in Europe and the political machinations of ambitious noblemen. This course will look at the first four crusades finishing with the infamous sacking of Constantinople in 1204.

The depth study of royal authority and Angevin kings covers the reigns of three monarchs as they struggle to separate their dynasty from their Norman predecessors. The first, Henry II, began the period as arguably the most powerful monarch in Europe, with lands stretching from the Scottish borders to the Pyrenees. His son, Richard I would spend a mere 10 months of his 10 year rule in England, whilst away on crusade his wife takes his place and becomes one of the most powerful women in Medieval England. The last of the Angevin kings was John, whom history has judged harshly. By 1205, six years into his reign, only a fragment of the Angevin empire acquired by Henry II remained. He was also forced to sign the Magna Carta in 1215.

Key information:

Topics for Study:	A breadth study - The Age of the Crusades 1071- 1204 A depth study - Royal Authority and the Angevin kings 1154-1216 A Historical Investigation
Assessment summary	2 x 2 hour 30 minutes examinations (40% each) 1 x historical investigation of 3000-3500 words (20%)
Entry requirements	Grade B in GCSE History
Exam Board	AQA
Subject lead contact details:	Mr Martin, Head of History; AMartin@qegs.cumbria.sch.uk



Why study Modern History?

History helps you to discover how your world evolved. It helps you to develop skills to look beyond the headlines and to ask critical questions. It teaches you to express your own opinions with clarity and precision. History can help you learn how to think and process information and understand the origins of modern political and social problems.

Historians have always made a virtue of the importance of making objective judgements based upon wide reading and an understanding of multiplicity of conflicting sources. We value the ability to write clear, literate, synoptic, analytical prose that represents a balanced assessment of the evidence but which is not frightened of drawing bold conclusions. A history training therefore imparts vital transferable skills that are extremely useful in many jobs.

What do I need to know or be able to do before taking this course?

You must have an interest in this period of history and be interested in studying it in more detail. You should be prepared to read more widely around the subjects being discussed and present written work that is beginning to show an ability to justify and explain your thinking.

Features of the course:

The breadth study focuses on Russia, a country that experienced wars, revolution and some of the most interesting and controversial individuals in the whole of history. The course examines the causes, extent and impact of political, economic, social and cultural change across this transformative period. It begins by investigating attempts to preserve the Tsarist autocracy of the late nineteenth century. It goes on to examine the political developments of 1917 before investigating the Bolshevik takeover and establishment of a communist dictatorship under Lenin and later Stalin. Finally, the course considers Khrushchev and the significance of his attempts to reform communism.

The depth study on the making of modern Britain will allow students to study the key social, economic, political and international changes that have helped to create the Britain we live in today. It explores concepts such as class, social division, cultural change and effective government and challenges students to reflect on Britain's changing place in an increasingly inter-connected world. Students will be encouraged to assess historical questions such as how far the British lived in an affluent society in the 1950s, to what extent did the sixties swing, were the unions to blame for the political crises in the 1970s, did Mrs Thatcher really 'change everything' in Britain as she declared and had Britain become 'cool Britannia' and a multi-cultural society by 2007?

Key information:

Topics for Study:	A breadth study - Tsarist and Communist Russia 1855 - 1964 A depth study - The Making of Modern Britain 1951 - 2007 A historical investigation
Assessment summary	2 x 2 hour 30 minutes examinations (40% each) 1 x historical investigation of 3000-3500 words (20%)
Entry requirements	Grade B in GCSE History
Exam Board	AQA
Subject lead contact details:	Mr Martin, Head of History; AMartin@qegs.cumbria.sch.uk

**Why study Geography?**

An A-Level in geography encourages learners to apply geographical knowledge, theory and skills to the world around them. In turn, this will enable learners to develop a critical understanding of the world's people, places and environments in the twenty-first century. Learners will develop both knowledge and understanding of contemporary geographical concepts together with transferable skills that will enable them to progress to higher education and a range of employment opportunities.

What do I need to know or be able to do before taking this course?

This qualification builds on the knowledge, understanding and skills established at GCSE and particularly aims to develop a deeper understanding of, and ability to apply, the concepts of place, space, scale and environment.

Features of the course:

The subject content focuses on the dynamic nature of physical systems and processes in the real world, and on the interactions and connectivity between people, places and environments in both time and space. The core themes are divided into separate physical and human themes. The non-core content draws on both physical and human geography and people-environment interactions. All themes integrate geographical skills, scale and specialised concepts.

Fieldwork is integrated into the course and covers both physical geography and human geography.

Key information:

Topics for Study:	Unit 1: Changing landscapes Unit 2: Changing places Unit 3: Global systems and global governance Unit 4: Contemporary themes in geography Unit 5: Independent investigation
Assessment summary	3 x 2-hour examination (24% each) 1 x 1 hour 30 minutes examination (16%) 1 x independent investigation of 3000-4000 words (20%)
Entry requirements	Grade B in GCSE Geography
Exam Board	WJEC
Subject lead contact details:	Mr Douglas, Head of Earth Sciences; JDouglas@qegs.cumbria.sch.uk



Why study Politics?

It is important that you understand how the country you live in operates. Studying this course will help you make sense of current affairs, create and structure academic and analytical essays.

Politics is particularly useful if you are considering employment in law, journalism or the civil service. The awareness and the skills that you develop through a study of politics, however, are relevant to almost every aspect of life.

What do I need to know or be able to do before taking this course?

Politics is an intellectually challenging and rewarding subject. There are significant elements of written work involved in the course. The ability to articulate views and ideas in both a verbal and written context is essential. You must have an interest in politics in both the UK and USA and be prepared to read widely around the subject.

Features of the course:

This course combines three of the most popular units currently offered by exam boards. It combines practical elements such as how government works in the UK and USA with more theoretical aspects including the study of major political ideologies like conservatism, socialism, liberalism, feminism, nationalism and anarchism.

The course aims to widen students' understanding of the key issues in modern society. It investigates where power now lies, how people are represented and the opportunities for change. This includes for example, debates over whether we should go to war, civil liberties, the influence of Europe, the obstacles facing minorities plus the role of political parties.

There are numerous extra-curricular activities to support your study of politics such as a joint history and politics trip to London, debating society, Sixth Form discussion group and events like the school mock election.

Key information:

Topics for Study:	Unit 1: Governments and politics of the UK Unit 2: Government and politics of the USA Unit 3: Political ideas
Assessment summary	3 x 2-hour examinations containing a mix of medium length 'explain' questions and essay style questions
Entry requirements	Grade 6 in GCSE English Language or Literature
Exam Board	AQA
Subject lead contact details:	Mr Martin, Head of Human Science; AMartin@qegs.cumbria.sch.uk



Why study Environmental Science?

Environmental science courses are increasingly popular at universities and new legislation means that industry and the public sector are urgently seeking well-qualified graduates with a background in the subject.

What do I need to know or be able to do before taking this course?

The course focuses on the science of the environment. It is not a pure science although some universities do accept it as such. The underlying principles are rooted in scientific theory so a sound grasp of GCSE level science is essential.

Students must also be prepared to undertake additional reading. A reading list is available on the student shared area of the school intranet site. Some reading material is supplied in Year 12, but a more independent approach is needed in Year 13 to ensure that students can reach the top grades.

Features of the course:

This course examines how human activity affects the environment. How can these impacts be managed to limit the damage caused and to secure healthy surroundings for us and for future generations? These are increasingly urgent issues, relevant across a range of curriculum and policy areas.

Environmental science is a holistic subject with many interconnected systems and processes. A change to one process can affect many other processes over different spatial and temporal scales. Consideration of environmental issues and the conclusions reached are based on reliable evidence-based information and quantitative data. Students will develop an understanding of how human society relies upon natural systems for resources and life support systems. An understanding of these systems will be used to propose changes in society that would produce sustainable lifestyles.

Key information:

Topics for Study:	The living environment The physical environment Energy resources Pollution Biological resources Sustainability Research methods
Assessment summary	2 x 3 hour written papers
Entry requirements	Grade B in GCSE Biology
Exam Board	AQA
Subject lead contact details:	Mr Douglas, Head of Earth Sciences; JDouglas@qegs.cumbria.sch.uk



Why study Geology?

Geology can be considered as a leisure interest subject. It helps us to appreciate and understand our natural environment, both locally and further afield. Cumbria is a particularly good place in which to study geology with its varied landscape, a wide range of formations and its long history of mining. Many students develop a keen interest in collecting minerals and fossils, which they continue after leaving school. Career opportunities are also extremely wide ranging.

What do I need to know or be able to do before taking this course?

There is no charge for the local fieldwork that is a compulsory part of the course, other than basic travel costs. Any equipment needed is supplied by the department but students may wish to buy their own hand lenses and field note-books. There may be opportunities for optional visits that are further afield for which there would be additional costs.

Features of the course:

Geology involves the scientific study of the earth. We examine in detail the materials that occur at the surface, the minerals and the various types of rocks and deposits. We look at how these materials are produced, changed and recycled, and how the processes involved change the landscape. There are in-depth studies of “big” topics - earthquakes, mountain-building, volcanic activity, ocean and continent formation - and we learn how these are related to huge changes in the earth’s interior.

Emphasis is placed on applied geology. All nations depend upon a supply of essential resources: energy resources like coal, oil and gas; metals such as iron, copper, lead and zinc; construction materials such as limestone, sand and gravel, clay and roadstones; and an adequate supply of fresh water. Geologists are involved in finding and developing these vital materials. A consequence of human consumption of raw material is inevitably waste disposal - again needing geological expertise.

Fieldwork is an essential part of the course and in the summer/autumn terms, four days of local field trips (Lake District, Eden Valley and Pennines) are arranged. In addition, there are afternoon excursions, which can be used to complete coursework requirements, and occasional visits to local extractive industries such as the mine at British Gypsum.

Key information:

Topics for Study:	Component 1: Geological investigations (35%) Component 2: Geological principles and processes (30%) Component 3: Geological applications (35%) Practical Endorsement: Assessment of practical competencies reported separately
Assessment summary	Component 1: 2 hour 15 minutes examination Component 2: 1 hour 45 minutes examination Component 3: 2 hour examination Practical Endorsement: Non-examined assessment
Entry requirements	Grade 6 in GCSE Maths or B in any GCSE Science
Exam Board	WJEC
Subject lead contact details:	Mr Douglas, Head of Earth Sciences; JDouglas@qegs.cumbria.sch.uk



Design Technology: Product Design

Why study Product Design?

Virtually everything you buy is designed or engineered. This course could be the pathway to many exciting and rewarding career paths in a rapidly changing technological society. From engineers to technicians, high-level manufacturing in the UK needs a skilled, highly trained workforce that you could be part of. As well as developing knowledge and skills in technology based topics, this subject is one which naturally develops transferable skills such as team work, problem solving and communication skills - all of which are vital in the world of work.

Product design is about making things that people want, that work well. Creating these products is hugely exciting and it is an inventive, fun activity. This course can be used as a complementary subject to mathematics, science and art, or to provide a contrast to humanities subjects. This is a valuable course for anyone seeking a career in architecture; surveying; graphic, product or furniture design; civil, structural or mechanical engineering; or just to broaden your post-16 education.

What do I need to know or be able to do before taking this course?

Maths skills are fundamental to design and technology. These will be embedded within the examination for this qualification. Students must have a sound working knowledge of the use of ICT. An interest in designers from the past is essential to provide inspiration for present and future designing.

Features of the course:

You will learn through practical work and theory lessons and will have the opportunity to work independently and as a member of a group. Packaging, labelling and instructions are also encouraged as part of complete design proposals, whilst marketing tools, such as advertising and point of sale merchandise can be used to supplement the making experience and help create products which can be evaluated for their commercial viability.

Students will be required to apply knowledge and understanding of a wide range of materials; including modern and smart materials, and processes used in product design and manufacture. They will be required to develop an understanding of contemporary industrial and commercial practices applied to designing and manufacturing products, and to appreciate the risks involved. Students should have a good working knowledge of health and safety procedures and relevant legislation.

Key information:

Topics for Study:	Performance characteristics of materials; processes and techniques; digital technologies; factors influencing the development of products; effects of technological developments; potential hazards and risk assessment; features of manufacturing industries; designing for maintenance and the cleaner environment; current legislation; information handling, modelling and forward planning.
Assessment summary	Component 1: 2 hour 30 minutes examination Component 2: Non-examined assessment portfolio
Entry requirements	Grade C in GCSE Design and Technology or GCSE Engineering
Exam Board	Edexcel (to be confirmed when specifications are finalised)
Subject lead contact details:	Mr Harrison, Head of Design Technology; SHarrison@qegs.cumbria.sch.uk



Design Technology: Fashion and Textiles

Why study Fashion and Textiles?

This creative and thought-provoking qualification gives students the practical skills, theoretical knowledge and confidence to succeed in a number of careers, especially those in the creative industries.

Students will investigate historical, social, cultural, environmental and economic influences on design and technology, whilst enjoying opportunities to put their learning in to practice by producing products of their choice. Students will gain a real understanding of what it means to be a designer, alongside the knowledge and skills sought by higher education and employers. There will be a number of practical visits available throughout the course.

What do I need to know or be able to do before taking this course?

Students must demonstrate maths and science skills to enable them to accomplish tasks. Examples of the skills include the ability to: grade and adapt patterns; present and interpret statistical data such as the outcome of market research; understand the appropriate use of textile materials based on their physical properties; determine quantities of materials and develop efficient lay plans; ensure products are designed to take account of potential degradation due to environmental factors; use of geometry to create templates for designs.

Features of the course:

A-Level design and technology: fashion and textiles requires students to engage in both practical and theoretical study.

Core technical principles: materials and their applications; the requirements for product design, development and manufacture; design communication; digital design and manufacture; efficient use of materials; health and safety; feasibility studies; design for manufacturing, maintenance and repair; protecting designs and intellectual property; enterprise and marketing in the development of products.

Core designing and making principles: design methods and processes; design theory; how technology and cultural changes can impact on the work of designers; critical analysis and evaluation; selecting appropriate specialist tools; accuracy in design and manufacture; responsible design; and approaches to project management.

Additional specialist knowledge: the characteristics and working properties of materials; working properties and physical characteristics of fibres and fabrics; methods of joining fabrics including the use of fastenings; the qualities given to fabrics by the construction methods used; the applications of smart materials, e-textiles, and technical textiles; the use of non-fibre and fabric materials in textiles and fashion design; industrial and commercial practice; and the use of pattern drafting and toiles.

Key information:

Topics for Study:	Core technical principles; Core designing and making principles; Additional specialist knowledge.
Assessment summary	Paper 1: 2 hour examination (25%) Paper 2: 2 hour examination (25%) Non-examined practical design and make task approx. 45 hours (50%)
Entry requirements	Grade C in GCSE Textiles or a reasonable level of competence in Textiles skills, including using a sewing machine.
Exam Board	AQA (to be confirmed when specifications are finalised)
Subject lead contact details:	Mrs Atkinson, Head of Textiles; SAtkinson@qegs.cumbria.sch.uk



Why study Biology?

Biology is the window onto the fascinating world of micro-organisms, plants, ecosystems, humans and other animals. Biologists try to understand some of the fundamental aspects of life itself.

Biology is a very rewarding subject that can lead to the study of biology in its own right as well as many associated subjects at a higher level. There are those subjects that are very obviously connected with biology such as medicine, nursing, dentistry, pharmacy, veterinary science, physiotherapy and occupational therapy. There are, however, many other courses and careers where having an A-Level in biology would be useful with the fastest growing areas being those of genetics, biotechnology and sports science.

What do I need to know or be able to do before taking this course?

If you are thinking of studying biology beyond A-Level, make sure you get good advice before making your final A-Level subject choice. Some careers or university courses related to biology will require you to have achieved a full A-Level in a second science subject, most often, but not necessarily, chemistry. Some students have little intention of pursuing biology beyond A-Level and simply wish to take it because it is a subject in which they are interested and one they know they will enjoy. Many students have demonstrated that it is a science that may be studied very successfully alongside art subjects.

Features of the course:

In Year 12 students will build on their knowledge of many of the themes covered at GCSE. Key topics include cell structure, variation, basic biochemistry and exchange and transport.

In Year 13 students will develop their biological skills further as they study energy transfers, responses to changes in their internal and external environments and genetics, populations, evolution and ecosystems.

Key information:

Topics for Study:	Biological molecules; cells; organisms exchange substances with their environment; genetic information, variation and relationships between organisms; energy transfers in and between organisms; organisms respond to changes in their internal and external environments; genetics, populations, evolution and ecosystems; and the control of gene expression.
Assessment summary	Paper 1: 2 hour examination (35%) Paper 2: 2 hour examination (35%) Paper 3: 2 hour examination (30%) Practical Endorsement: Assessment of practical competencies reported separately
Entry requirements	Grade A in GCSE Biology and a B in GCSE Chemistry
Exam Board	AQA
Subject lead contact details:	Mr Finlinson, Head of Biology; KFinlinson@qegs.cumbria.sch.uk



Why study Chemistry?

Chemistry is the study of the structures and properties of materials, and of the reactions in which one substance is transformed into another. It seeks to explain all this in terms of the behaviour of the atoms and molecules from which all matter is constructed.

The questions asked, and answered, by chemists are not confined to the immediate practical applications of their work. The origin of life on earth, the chemical basis of genetics, the nature of the planets and distant stars, the chemical composition of the centre of the earth's core, life support systems for astronauts and projected planetary colonies are just some of the exciting projects on which chemists throughout the world are working.

Chemistry underpins much of modern life and the high standard of living which most of us enjoy. The increased industrialisation of society has drawbacks, of course - the rapid use of finite natural resources, for example, and increasing pollution. If these problems are to be solved, it will be by the application of scientific knowledge and understanding. Chemistry and chemists will play a central role by developing ways of using our resources more efficiently and, by so increasing our understanding of the chemistry of the atmosphere, oceans and soils, that we may, in future, grow the food we need without the use of large quantities of pesticides and fertilisers.

What do I need to know or be able to do before taking this course?

Chemistry provides a stimulating and rewarding study in its own right. A background in the subject is invaluable to those who are planning careers in engineering, materials science or metallurgy, geology, mining or the biological sciences. A knowledge of chemistry is essential for the successful study of medicine or veterinary science. The course has some mathematical content and you should be comfortable with handling chemical calculations involving moles and general rearrangement of formula.

Features of the course:

Roughly equal time is devoted to each of the three main branches of the subject: physical chemistry - the study of the underlying atomic and molecular principles; organic chemistry - which deals with the behaviour of substances based on carbon (thus with all substances of biological importance) and inorganic chemistry - which covers all the remaining elements, with an emphasis on the properties of the metals.

Key information:

Topics for Study:	Physical chemistry; Inorganic chemistry; Organic chemistry
Assessment summary	Paper 1: 2 hour examination (35%) Paper 2: 2 hour examination (35%) Paper 3: 2 hour examination (30%) Practical Endorsement: Assessment of practical competencies reported separately
Entry requirements	Grade A in GCSE Chemistry and Grade 7 in GCSE Mathematics
Exam Board	AQA
Subject lead contact details:	Dr Ireland, Head of Chemistry; SIreland@qegs.cumbria.sch.uk



Why study Physics?

Physics is the most fundamental of all the sciences and is essentially, “the science of matter and energy and the interactions between the two”. Many physicists today are interested in either the science of the very small, such as investigating theories of fundamental particles called quarks and how matter is built from them, or the very large, developing theories on the formation and expansion of the universe.

The subject underpins all types of engineering and provides an excellent background for scientific careers at all levels. The employment prospects for those with qualifications in physics are generally good. Physics provides a route into many careers, and opportunities exist throughout the world. These prospects are not confined to research - they extend into a wide range of industries, into food, medicine, finance, marketing, business and management. The general skills of analysis and problem-solving that physicists develop are highly valued in many different fields of employment.

What do I need to know or be able to do before taking this course?

The mathematical content is modest in the first year of the course but becomes much more substantial in the second year.

Features of the course:

Each of the two years consists of four theory units, but practical work is woven into the course. During the two years, there are a dozen compulsory practical activities that may be assessed in the written examinations. In addition to this, there is an entirely separate practical endorsement, based on demonstration of core practical competencies.

Throughout the two-year course, there is a healthy emphasis on practical work. Students are taught how to make measurements of a range of quantities including length, current, potential difference and temperature. They will develop an awareness of the nature of measurement errors and of their numerical treatment.

Key information:

Topics for Study:	Core content: Measurements and their errors; particles and radiation; waves; mechanics and materials; electricity; further mechanics and thermal physics; fields and their consequences; and nuclear physics. Option taken at Queen Elizabeth Grammar School: Medical physics
Assessment summary	Paper 1: 2 hour examination (34%) Paper 2: 2 hour examination (34%) Paper 3: 2 hour examination (32%) Practical Endorsement: Assessment of practical competencies reported separately
Entry requirements	Grade A in GCSE Physics and Grade 7 in GCSE Mathematics
Exam Board	AQA
Subject lead contact details:	Mr St John, Head of Physics; SStJohn@qegs.cumbria.sch.uk

**Why study Mathematics?**

Mathematics is one of the most useful and versatile subjects you can study in the Sixth Form.

If you enjoy the intellectual challenge that mathematics offers and the great satisfaction that is gained from working through difficult mathematical problems, then you have chosen the right subject.

There are very few career routes that do not value A-Level mathematics and many that demand A-Level mathematics.

What do I need to know or be able to do before taking this course?

A sound mathematical basis is crucial to be able to follow the course. Therefore, a grade 7 in GCSE mathematics is essential.

Features of the course:

Over the two years, you study a combination of algebraic techniques in order to solve co-ordinate geometry, trigonometry and sequences problems amongst others. In addition, you will study mechanics and statistics.

Pure mathematics includes proof; algebra and functions; coordinate geometry in the (x, y) plane; sequences and series; trigonometry; exponentials and logarithms; differentiation; integration; numerical methods; and vectors.

Mechanics studies things that move and what causes them to move, and things that do not move and the forces within them. The topics include: quantities and units in mechanics; kinematics; forces and Newton's laws; and moments.

Statistics allow you to analyse data using increasingly sophisticated techniques. The topics include: statistical sampling; data presentation and interpretation; probability; statistical distributions; and statistical hypothesis testing.

Key information:

Topics for Study:	Pure Mathematics, Statistics, Mechanics
Assessment summary	Paper 1: Pure Mathematics, 2 hour examination (33.33%) Paper 2: Pure Mathematics, 2 hour examination (33.33%) Paper 3: Statistics and Mechanics, 2 hour examination (33.33%)
Entry requirements	Grade 7 in GCSE Mathematics
Exam Board	Edexcel
Subject lead contact details:	Mrs Ford, Head of Mathematics; NFord@qegs.cumbria.sch.uk



Why study Further Mathematics?

Further mathematics is an extension of the A-Level mathematics course and you must take A-Level mathematics to be able complete further mathematics.

What do I need to know or be able to do before taking this course?

A sound mathematical basis is crucial to be able to follow the course. Therefore, a grade 7 in GCSE mathematics is essential.

Features of the course:

Students will extend their algebra techniques by looking into topics such as complex numbers, matrices and alternative co-ordinate systems. In addition, students can study further mechanics and statistics or try out a very different type of mathematics called decision. Decision mathematics studies a range of algorithms, for example understanding how a satellite navigation system calculates a route using an algorithm. There will be some choice over which fields students can study and sit exams in.

Further Pure Mathematics: Proof, complex numbers, matrices, further algebra and functions, further calculus, further vectors; polar coordinates, hyperbolic functions, differential equations, coordinate systems, further numerical methods, inequalities, groups, further calculus, further matrix algebra, further complex numbers, number theory, further sequences and series.

Further Statistics: Linear regression, statistical distributions (discrete), statistical distributions (continuous), correlation, hypothesis testing, Chi squared tests), probability distributions, combinations of random variables, estimation, confidence intervals and tests using a normal distribution, Other hypothesis tests and confidence intervals, probability generating functions, quality of tests and estimators.

Further Mechanics: Momentum and impulse, collisions, centres of mass, work and energy, elastic strings and springs, further kinematics, further dynamics, motion in a circle, statics of rigid bodies, elastic collisions in two dimensions.

Decision Mathematics: Algorithms and graph theory, algorithms on graphs, algorithms on graphs II, critical path analysis, linear programming, transportation problems, allocation (assignment) problems, flows in networks, dynamic programming, game theory, recurrence relations, decision analysis.

Key information:

Topics for Study:	Further Pure Mathematics, Further Statistics, Further Mechanics, Decision Mathematics
Assessment summary	Paper 1: Further Pure Mathematics, 1 hour 30 minutes (25%) Paper 2: Further Pure Mathematics, 1 hour 30 minutes (25%) Paper 3: Further Mathematics Option 1, 1 hour 30 minutes (25%) Paper 4: Further Mathematics Option 2, 1 hour 30 minutes (25%)
Entry requirements	Grade 7 in GCSE Mathematics
Exam Board	Edexcel
Subject lead contact details:	Mrs Ford, Head of Mathematics; NFord@qegs.cumbria.sch.uk



Why study Physical Education?

Physical education encourages students to immerse themselves in the world of sports and PE with the chance to perform or coach a sport (through the non-exam assessment component), and delve into the how and why of physical activity and sport.

Students receive a well-rounded and full introduction to the world of PE, sport and sports science. This complete grounding in the subject provides a fantastic base from which to build when you move on to higher education, employment or further training.

Students can develop a range of practical skills, including communication using appropriate language, dealing with pressure, split second decision-making, analysing and evaluating performance, and more.

What do I need to know or be able to do before taking this course?

You need to do at least one sport which is assessed on the syllabus. The sports you can do are too numerous to list here, please ask a member of PE staff. You do not have to have studied GCSE PE but you need to show a very positive attitude towards sport. It is preferred that you have some evidence of B grades in a number of GCSEs - not necessarily in PE.

Features of the course:

You will study:

Physiological factors affecting performance: applied anatomy and physiology, exercise physiology, biomechanics, skill acquisition, sports psychology.

Socio-cultural issues in physical activity and sport: sport and society, contemporary issues in physical activity and sport.

Performance in physical education: performance or coaching, evaluation and analysis of performance for improvement.

Key information:

Topics for Study:	Physiological factors affecting performance, socio-cultural issues in physical activity and sport, performance in physical education
Assessment summary	Paper 1: 2 hour examination (30%) Paper 2: 1 hour examination (20%) Paper 3: 1 hour examination (20%) Non-exam assessment (30%)
Entry requirements	Grade C in GCSE PE if taken; demonstrate a positive attitude towards sport. Must be competent in at least one sport assessed on the syllabus.
Exam Board	OCR
Subject lead contact details:	Mr Worth, Head of Physical Education; pe@qegs.cumbria.sch.uk



Why study French?

Universities are keen to offer places to applicants with a language at A-Level as it demonstrates that you possess certain skills and attributes such as problem-solving, adaptability, a global mind-set, communicating with different audiences and developing an analytical mind.

Graduates with language skills are definitely more employable and earn an average of 8% - 20% more. A recent Confederation of British Industry (CBI) employee report found that seven in ten businesses value foreign language skills among their employees.

You can enhance your career prospects in many fields by having a language capability alongside other specialist subjects. If you aim to follow for example maths, biology and chemistry, a language is a very good additional option at A-Level.

An A-Level in French will enable you to apply for any ab initio language course at university. It could be your door to Mandarin, Spanish, Arabic or many other exciting or unusual languages. An A-Level would usually give you the required language skills to enrol, and indeed many universities also teach in English.

What do I need to know or be able to do before taking this course?

You will study grammar in more depth at A-Level and learn how to express yourself much more fluently with a high level of complexity. Many of the topics at A-Level are connected to those studied at GCSE. However whereas GCSE focuses on your personal experiences, the A-Level course studies topics in their wider context. For example, when at GCSE you might be asked "How do you get on with your siblings?" at A-Level you might discuss "How would you define 'family'?"

Features of the course:

We will study technological and social change, and look at diversity and multiculturalism and the benefits and issues they bring. You will study highlights of French-speaking artistic culture, including art, music, architecture and cinema. You will learn about political engagement, how the political landscapes of France were formed and who wields political power in the French-speaking world.

You will explore the influence of the past on present-day French-speaking communities. Throughout your studies, you will learn the language in the context of French-speaking countries and the issues and influences which have shaped them. You will study texts and film and have the opportunity to carry out independent research on an area of your choice.

Key information:

Topics for Study:	Social issues and trends, political and artistic culture, grammar, works: literary texts and films.
Assessment summary	Paper 1: Listening, reading and writing, written examination 2 hours 30 minutes (50%) Paper 2: Writing, written examination 2 hours (20%) Paper 3: Speaking, oral exam 21-23 minutes (including 5 minutes preparation time) (30%)
Entry requirements	Grade A in GCSE French
Exam Board	AQA
Subject lead contact details:	Mr Wilson, Head of Modern Languages; JWilson@qegs.cumbria.sch.uk

**Why study German?**

Universities are keen to offer places to applicants with a language at A-Level as it demonstrates that you possess certain skills and attributes such as problem-solving, adaptability, a global mind-set, communicating with different audiences and developing an analytical mind.

Graduates with language skills are definitely more employable and earn an average of 8% - 20% more. A recent Confederation of British Industry (CBI) employee report found that seven in ten businesses value foreign language skills among their employees.

You can enhance your career prospects in many fields by having a language capability alongside other specialist subjects. If you aim to follow for example maths, biology and chemistry, a language is a very good additional option at A-Level.

An A-Level in German will enable you to apply for any ab initio language course at university. It could be your door to Mandarin, Spanish, Arabic or many other exciting or unusual languages. An A-Level would usually give you the required language skills to enrol, and indeed many universities also teach in English.

What do I need to know or be able to do before taking this course?

You will study grammar in more depth at A-Level and learn how to express yourself much more fluently with a high level of complexity. Many of the topics at A-Level are connected to those studied at GCSE. However whereas GCSE focuses on your personal experiences, the A-Level course studies topics in their wider context. For example, when at GCSE you might be asked "How do you get on with your siblings?" at A-Level you might discuss "How would you define 'family'?"

Features of the course:

We will study technological and social change, and look at diversity and multiculturalism and the benefits and issues they bring. You will study highlights of German-speaking artistic culture, including art, music, architecture and cinema. You will learn about political engagement, how the political landscapes of Germany were formed and who wields political power in the German-speaking world.

You will explore the influence of the past on present-day German-speaking communities. Throughout your studies, you will learn the language in the context of German-speaking countries and the issues and influences which have shaped them. You will study texts and film and have the opportunity to carry out independent research on an area of your choice.

Key information:

Topics for Study:	Social issues and trends, political and artistic culture, grammar, works: literary texts and films.
Assessment summary	Paper 1: Listening, reading and writing, written examination 2 hours 30 minutes (50%) Paper 2: Writing, written examination 2 hours (20%) Paper 3: Speaking, oral exam 21-23 minutes (including 5 minutes preparation time (30%))
Entry requirements	Grade A in GCSE German
Exam Board	AQA
Subject lead contact details:	Mr Wilson, Head of Modern Languages; JWilson@qegs.cumbria.sch.uk

**Why study Economics?**

Studying economics will help you develop transferable skills that will prepare you for studying at university or moving into the world of work. These include skills in data interpretation and essay writing. You will also develop commercial awareness.

Suitable higher education courses include economics degrees or degrees in applied economics such as environmental economics, labour economics, public sector economics or monetary economics. You might choose to study business economics, international business or a business and management degree.

Economics students can follow a wide range of careers in industry, commerce, finance and the civil service. You might choose a career in banking, sales, product management or general management.

What do I need to know or be able to do before taking this course?

It does not matter if you have not studied economics before. You might have an interest in economics and business. You might want to investigate some of the stories you hear in the news - Why do some economies grow and others do not? Why did economists not predict the global financial crisis? What impact does the economy have on the business world? What is globalisation? This course will help you to understand all this and more.

Features of the course:

Markets, consumers and firms - In this theme, students explore the way in which consumers make choices and entrepreneurs create desirable products.

The wider economic environment - This theme explores how businesses can become more competitive. It introduces students to the wider international and economic environment in which businesses operate.

The global economy - This theme builds on the content of theme 2 and continues its focus on the international economic and business environment. Issues such as globalisation and the impact of emerging economies are studied.

Making markets work - This theme considers degrees of competition within markets and then encourages students to apply their understanding to how governments may improve the functioning of markets and the economy.

Key information:

Topics for Study:	Markets; consumers and firms; the wider economic environment; the global economy; making markets work.
Assessment summary	Paper 1: 2 hour examination (35%) Paper 2: 2 hour examination (35%) Paper 3: 2 hour examination (30%)
Entry requirements	Grade 6 in GCSE Mathematics and a Grade 6 in GCSE English Language or Literature
Exam Board	Edexcel
Subject lead contact details:	Mr Martin, Head of Human Sciences; AMartin@qegs.cumbria.sch.uk

**Why study Philosophy of Religion?**

This course is designed to give students the opportunity to explore big questions within an academic context. This includes questions such as does God exist? Can we find an objective way of determining what is right and wrong? The skills nurtured in the course are useful in higher education as well as in various professions. Students, for instance, will be taught how to construct reasoned arguments as well as make balanced judgments on a variety of different issues whilst developing the skills of critical analysis.

What do I need to know or be able to do before taking this course?

Students are required to demonstrate knowledge and understanding of the content, including through the use of philosophical analysis, conceptual analysis and argument analysis. They must also be able to analyse and evaluate the philosophical arguments within the subject content to form reasoned judgements.

Features of the course:

Philosophy: In this part of the course students will learn different methods of argumentation, such as deduction and induction. They will examine a series of topics including cosmological, ontological and design arguments as well as issues such as the problem of evil and scepticism. They will also analyse and evaluate several short philosophical texts including the famous radio debate between catholic philosopher F Copleston and atheist philosopher B Russell.

Ethics: This part of the course will involve students examining the nature of right and wrong. Is it possible for us to objectively define a good moral action? A series of ethical theories will be studied, including Utilitarianism and Natural Law. Students will analyse and evaluate several short ethical texts by philosophers such as Kant.

In addition to the topics above one of the following will be studied depending on interest. It should be noted that both these modules will be studied within a secular context. No religious faith is required.

Eastern Philosophy: Students here will study the philosophy of Buddhism. They will examine Buddhist teaching on karma, rebirth and nirvana as well as the nature and purpose of existence. Methods of meditation will be explored and the applicability of Buddhist teaching in a modern context will be evaluated e.g. the scientific basis of mindfulness as a way to mental health.

New Testament Studies: The Bible is the most influential book in human history and Jesus is the most influential person. In this part of the course students will analyse and evaluate issues surrounding this text and this figure. Students will examine methods scholars have developed for determining historical authenticity within a given text as well as looking at how the texts themselves came to be written.

Key information:

Topics for Study:	Philosophy, Ethics and either Eastern Philosophy or New Testament Studies
Assessment summary	Paper 1: 3 hour examination (50%) Paper 2: 3 hour examination (50%)
Entry requirements	Grade B in GCSE RE
Exam Board	AQA
Subject lead contact details:	Mr Proctor, Head of Religious Studies; DProctor@qegs.cumbria.sch.uk

**Extended Project****Why study the Extended Project?**

All students who are studying three A-Levels in September 2017 will take the extended project qualification. Those who are studying four A-Levels will have the opportunity to choose the extended project. The extended project develops a range of independent learning skills that will be essential for preparation for future study.

What do I need to know or be able to do before taking this course?

The EPQ aims to develop many of the skills required by students at university. One of the most appealing aspects about doing an EPQ is that you can choose a topic or issue that really interests you. In order to complete a successful EPQ, students will need to be both self-motivated and organised. They will need to be able to undertake independent research with minimal teacher interference. They will also need to keep clear and accessible records of how their project has developed. Much of the EPQ mark scheme is not concerned with your final product, but instead, how your research and planning got you there. As such, students wanting to take an EPQ need to consider where their academic interests lie, what topic might they like to explore further and how they intend to organise their time to do the work required.

Features of the course:

Students will begin by completing a teacher led course that will develop some of the practical research and planning skills that an EPQ requires. They will then be invited to submit potential proposals that identify a topic or issue. Students will be paired with teacher mentors who have a specialism or interest in that field of study. Students will then begin researching their topic and will generate a working title that the school EPQ co-ordinator will need to approve. After that, the student, under their teacher mentor's supervision will develop and complete their project culminating in a product (either a 5000 word investigation or an artefact and 1000 word report) and a public presentation to an audience.

Key information:

Topics for Study:	The topic is chosen by the student in conjunction with their supervisor.
Assessment summary	5000 word investigation or an artefact with a 1000 word written report. Both types of EPQ also require a public presentation to an audience.
Entry requirements	All students on a three A-Level programme will study the EPQ. It is optional for those students on four A-Levels.
Exam Board	AQA
Subject lead contact details:	Mr Martin; Joint Head of Sixth Form AMartin@qegs.cumbria.sch.uk



Summary of Entry requirements

Arts	
Fine Art and Graphic Art	Grade A in GCSE Art
Drama and Theatre Studies	Grade B in GCSE Drama or a Grade 6 in GCSE English plus an audition/interview
English Language	Grade 6 in GCSE English Language
English Literature	Grade 6 in GCSE English Literature
Music	Grade B in GCSE Music or proof of practical expertise. Must be able to read music and perform to a suitable standard.
Humanities	
Medieval History	Grade B in GCSE History
Modern History	Grade B in GCSE History
Geography	Grade B in GCSE Geography
Politics	Grade 6 in GCSE English Language or Literature
Environmental Studies	Grade B in GCSE Biology
Geology	Grade 6 in GCSE Mathematics or Grade B in GCSE Science
Technology	
Design Technology: Resistant Material	Grade C in GCSE Design and Technology or Engineering
Design Technology: Textiles	Grade C in GCSE Textiles or a reasonable level of competence in Textiles skills, including using a sewing machine.
Sciences	
Biology	Grade A in GCSE Biology and Grade B in GCSE Chemistry
Chemistry	Grade A in GCSE Chemistry and Grade 7 in GCSE Mathematics
Physics	Grade A in GCSE Physics and Grade 7 in GCSE Mathematics
Mathematics	Grade 7 in GCSE Mathematics
Further Mathematics	Grade 7 in GCSE Mathematics
Physical Education	Grade C in GCSE PE if taken; demonstrate a positive attitude towards sport. Must be competent in at least one sport assessed on the syllabus.
Languages	
French	Grade A in GCSE French
German	Grade A in GCSE German
Social Sciences	
Economics	Grade 6 in GCSE Mathematics and Grade 6 in GCSE English Language or Literature
Philosophy of Religion	Grade B in GCSE RE



Previous Results 2014 - 2016

Subject	2016			2015			2014					
	No of entries	% Passes A*-E	% Passes A*-B	% Passes A*-A	No of entries	% Passes A*-E	% Passes A*-B	% Passes A*-A	No of entries	% Passes A*-E	% Passes A*-B	% Passes A*-A
Art & Design	16	100	100	81.3	6	100	100	75	16	100	100	100
Biology	43	97.7	65.1	48.8	37	100	62.2	29.7	38	94.7	68.4	50
Chemistry	30	93.3	70	50	36	100	63.9	50	31	100	74.2	48.4
Computing/IT	1	100	100	0	8	100	37.5	0	6	100	50	0
Drama	10	100	100	70	5	100	20	0	11	100	100	54.5
DT Resistant Materials	4	100	25	25	1	100	0	0	4	100	50	0
DT Textiles	-	-	-	-	-	-	-	-	3	100	100	66.7
Economics & Business	33	97	63.6	24	25	100	80	28	21	100	71.4	19
English Language	-	-	-	-	7	100	28.6	14.3	20	100	35	0
English Literature	13	100	53.8	23.1	10	100	50	20	14	100	71.4	35.7
Environmental Science	10	100	40	40	11	100	36.4	18.2	14	100	78.6	42.9
French	2	100	100	100	4	100	50	50	5	100	100	60
General Studies	53	96.2	39.6	11.3	43	95.3	32.6	16.3	45	100	55.6	31.1
Geography	36	100	66.7	38.9	30	100	83.3	66.7	32	100	84.4	53.1
Geology	7	100	71.4	71.4	13	100	61.5	7.7	14	100	71.4	35.7
German	5	100	80	60	4	100	75	75	3	100	66.7	66.7
Government & Politics	11	100	54.5	36.6	6	100	50	33.3	4	100	75	50
History	28	100	60.7	39.3	19	100	68.4	31.6	20	100	60	35
Mathematics	33	100	66.7	54.5	43	97.7	67.4	41.9	37	100	70.3	51.4
Mathematics - Further	6	100	83.3	83.3	8	100	100	62.5	6	100	100	83.3
Music	2	100	100	50	2	100	100	100	-	-	-	-
Physical Education	8	100	37.5	12.5	6	100	66.7	33.3	-	-	-	-
Physics	18	94.4	55.6	44.4	17	100	64.7	47.1	13	100	76.9	46.2
Religious Studies	21	100	28.6	19	24	95.8	37.5	16.7	16	93.8	62.5	37.5



Queen Elizabeth Grammar school will provide access to bursaries for students who meet the following criteria.

A: Supported Groups

Students in care, care leavers, students in receipt of income support and disabled young people in receipt of Employment and Support Allowance who are also in receipt of either Disability Living Allowance or Personal Independence Payment are entitled to a full bursary of £1200.

B: Students eligible for Free School Meals

Students who are in receipt of Free School Meals (household income £15,000 or below), now or in the last six years.

C: Students for whom there are other significant financial barriers to learning

Students who are carers will be considered for a bursary award. Applications for bursary awards can also be made where the school has evidence that family income and/or exceptional costs related to accessing the Sixth Form act as a significant barrier to continued learning. The amount awarded will be determined based on individual circumstances. Suitable evidence of family income includes proof of entitlement to Child or Working Tax Credits.

Transport Bursary

Students whose parents are in receipt of one of the following are entitled to apply for help towards travel costs from Cumbria County Council: Income Support; Income Based Jobseekers Allowance; an income-related employment and Support Allowance; Support under part V1 of the Immigration and Asylum Act 1999; Child Tax Credit (provided you are not entitled to Working Tax Credit), the Guarantee element of State Pension Credit; Universal Credit. To qualify, students must live over 3 miles from their catchment Sixth Form or live over 3 miles from their nearest college offering the subject they are studying

HE Access Bursary

Students who will be in the first generation of their family to progress to university may be eligible for help with the cost of university open days and other visits. Evidence of the costs involved, such travel or residential costs, will need to be provided.

How do I apply?

The school will automatically allocate bursaries to students in categories A and B before determining bursaries for those in category C. Students in category A and B will receive more information through their Sixth Form tutor in the first week of term.

Students who have not received this information and think that they are eligible for support or any student wishing to make an application under category C, for travel or progression bursaries should make an appointment with Mrs Chapman.



Key dates

Sixth Form Open Evening:	Tuesday 14 th February 2017, 5 - 7.30pm
Sixth Form Induction Course:	Monday June 26 th - Wednesday 28 th June 2017
GCSE Results day and Enrolment:	Thursday 24 th August 2017
New term starts:	Monday 4 th September 2017

Key contacts

Headteacher:	Mr P Buckland
Deputy Headteacher:	Dr E Mawson
Assistant Headteachers:	Mrs R Chapman Mr R Dawson
Joint Heads of Sixth Form:	Mr A Martin Miss V Smith
Telephone:	01768 864621
Email:	reception@qegs.cumbria.sch.uk
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