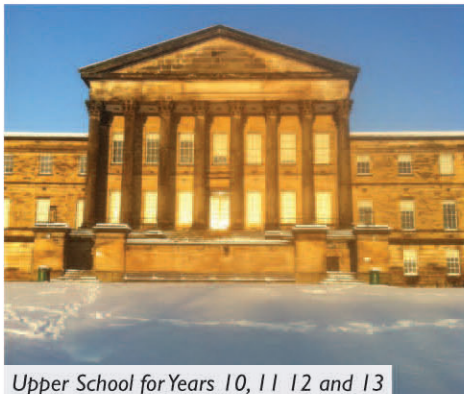




# KING EDWARD VII SCHOOL **POST 16 PROSPECTUS**



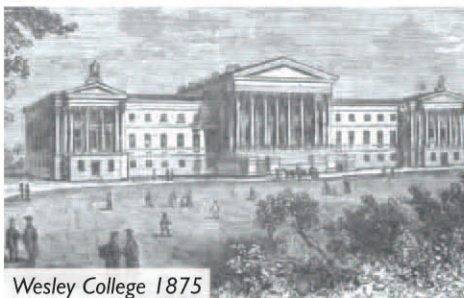
Upper School Building



Upper School for Years 10, 11, 12 and 13



The STEM Centre at Upper School



Wesley College 1875



King Edward VII School 1932



King Edward VII School for boys 1955

# Message from the Headteacher



## Welcome to King Edward's.

King Edward VII School is one of the most prestigious 11-18 comprehensive schools in the City of Sheffield. It is a School that is steeped in history that dates back to 1604.

Those who attend the School as eager, aspirational learners and those who work in the School as part of the staffing body including governors are tremendously proud of our unique learning environment and history.

King Edward VII School is a confident, ambitious learning community where a culture of high expectations exists for students, staff and governors. King Edward VII School has a large and very successful Sixth Form. The School is incredibly diverse and this is something that we value and see as a unique strength in that young people experience, first hand, a special, harmonious learning community that acknowledges differences, enhances tolerance and prepares them well for life in a global world that is becoming increasingly challenging.

We aim to provide high quality teaching, learning and assessment to ensure that all students have access to the same demanding opportunities, and support, to help them to succeed in the School regardless of their different starting points.

Parents, carers and families are the most important influences on the lives of young people and when working in partnership with the School our students excel, thrive and achieve highly. We strive to have excellent working relationships between home and School and our Parental Engagement Partnership helps us to do this. We welcome the active involvement of parents in the life of the School because this promotes a positive learning community for each young person and creates a sense of belonging.

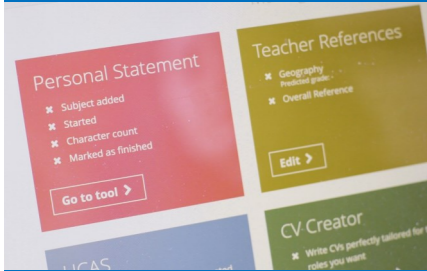
King Edward VII School is outward looking, community centred and has excellent partnerships and links with many external organisations and stakeholders. It is a School that is calm and purposeful where young people feel safe and happy. It is a School that aims to provide the very best for all learners in an enthusiastic and focused way.

Please do not hesitate to contact the School should you require further information.

Yours sincerely

**Linda Gooden**, Headteacher

“ Students in the Sixth Form achieve outstandingly well. ”



## University and other Post 18 options—guidance

Being in the Sixth Form is stimulating and exciting— a time for development and for determining what you plan to do next. Sixth Form is about realising your potential, learning how to learn and gaining the results that you need. Around 70% of students typically apply to university through the UCAS system, but many students prefer to apply for apprenticeships or degree apprenticeships. Others may apply to Art Foundation courses.

We offer you a number of opportunities to enable you to do this;

- Careers advice is available through a weekly appointment system with a professional careers advisor who can offer independent advice and guidance.
- CV and personal statement writing workshop. How to sell yourself to employers and universities and get the place you want.
- Higher Education taster day at Sheffield University
- Targeted support for Oxbridge applicants, Medics, Vets and Dentists. This includes accompanied visits to universities, practice interviews, application workshops etc.
- Post 18 Progression Evening for parents – information for parents to support students with their applications.
- Support for the application process from experienced Post 16 Tutors. The School uses the *Unifrog* online platform which enables students to fully explore university and apprenticeship opportunities—as well as providing the framework for the production of personal statements, references and CVs.

### You need to remember;

- Your applications are only as good as you are. Make sure that you have done everything to keep ahead of the game. Good results—first time. Evidence of independent learning. Good attendance and application. Take part in extra-curricular activities. Become a School Ambassador.
- The process is time consuming. Be patient. We need to ensure that you have the best reference possible – this takes time.
- Only apply for courses that you want to do, that accept students with the grades you are predicted and are in places where you want to spend the next three years.

## Super-curricular activities

We particularly encourage students to explore and undertake academic work related to their A Level or potential university courses. Not only does this show initiative and commitment but can also engender a genuine interest in a new area of study. Enrolling for a short online course (MOOC) supervised by a university, is one way of doing this—they are often free. *Unifrog* also offers a platform to research and enrol onto these courses. We also support students to take advantage of work experience opportunities—as long as this involves no more than one week of school time.



- Transition Day
- Guidance Interview at Enrolment
- Induction Programme
- Tutorial Support
- Adult Life Skills lessons
- Teacher Support
- Post 16 Team support
- Review System
- Interventions - Support
- Contract and attendance report systems
- Guidance for university applications and Post 18 progression
- Independent study areas
- MAP academic support
- Textbook for all subjects



## KING EDWARD VII SCHOOL SIXTH FORM

# Support for success

The Sixth Form at King Edward VII School has high aspirations for its students. Our aim is to ensure that students are able to achieve their potential and to progress to the next stage of their careers. The demands on students have increased significantly in recent years— students and teachers will work together in partnership to help students succeed.

### What students can expect from King Edward VII School;

- Experienced teachers who enable students to achieve their potential. In 2023 just under half of the students obtained A\*- B grades.
- A dedicated learning environment.
- Facilities for independent learning including a text book for all subjects, the Library, two Independent Learning Centres (ILC 1 and ILC2) and break-out spaces.
- Weekly voluntary exam/question practice sessions in the hall.
- Support Contracts for students struggling to organise their work.
- Pastoral support if students are struggling to cope or finding school difficult for some reason.
- Meetings with a tutor in a small subject based tutorial group.
- Guidance and support for Post 18 progression e.g. university and apprenticeship applications.
- Adult Life Skills lessons. Covering topics like healthy relationships, budgeting and living independently, online safety, coping with stress etc.

### What we expect from our students;

- Enthusiasm for learning and a willingness to engage.
- Students should attend and be punctual for all timetabled lessons and apply themselves to achieve their potential.
- Four to five hours per subject of independent study
- Students should attend their tutorial and ensure that they are well informed about what is happening in School by checking e-mail and the weekly bulletin.
- Students should show respect to staff and to other students and the facilities provided.
- Students should remember that they are the senior students and set a good example.
- Students should dress appropriately for the School environment.
- Part-time work is encouraged but this should be at a reasonable level so as not to impact negatively on school work.
- Students need to ensure that they do not book holidays in school time and that appointments and driving lessons are arranged outside their lesson times.

## Key Post 16 staff

Assistant Head, Head of Sixth Form

- Mr S Cooke

Raising Achievement Leaders

- Y12 Mr White
- Y13 Dr J Hanson

Pastoral Managers

- Ms Wragg
- Mrs S Foster

Safeguarding

- Mrs C Corker

Post 16 Admin Officers

- Mrs K Sawtell
- Mrs C Sykes
- Mrs A Lockwood



## Becoming an effective Sixth Form student

### The first few weeks

When you have received your GCSE results you will be able to contact School upload your results and to confirm your choice of courses and place and enrol in the sixth form. Enrolment involves an individual meeting to discuss your results and the subjects you have chosen. It is sometimes possible to change subjects but this depends on whether there is space. We recognise that it is essential that students are on the right courses and we spend a great deal of time and effort with students to make sure this is the case. For this reason we suggest that for some students it makes sense to start the year studying four subjects—they can then drop to three in the subsequent weeks or months once they are absolutely sure of their final choices.

Students are likely to have come from as many as 40 different schools so the induction sessions and tutorial are helpful in helping students to feel welcome and settled.

There is also a lunchtime group **Y12 Connect** where students can borrow some table top games such as chess or Uno and meet others for some friendly chat.

### Post 16 study

Studying for A Levels and BTECs is very different from studying GCSEs. You are able to select subjects to study which interest you, are linked to further study and perhaps to your future career. This is an exciting opportunity. There are a number of key things that you need to be aware of to ensure that you make the best of your opportunities;

- All the subjects that you chose to study have their own disciplines. The focus is not on what you know but how you use what you know. You will be given, and need to do, lots of practice of examination style questions.
- You will be expected to take responsibility for your own learning. You will need to discuss issues with teachers if you don't understand something and you will need to ask for, and discover, extra material to develop your understanding.
- You will be expected to work hard. Subjects will set homework which must be completed and handed in for marking and constructive feedback. You should be aiming to complete around four to five hours of work a week, per subject outside of class.
- You will need to learn and revise all of the material in your chosen subjects, but to access top grades you will also need to develop a very clear writing style and skills of analysis. This takes practice and the ability to learn from mistakes.
- We have invested in a textbook for all subjects, for all students. There is a deposit loan system of £10 per subject for a two year loan.

Whilst studying at Post 16 is hard work it is also very rewarding. Students are enthusiastic, involved and inspired by their experiences and by their teachers.

### Studying on BTEC courses

BTECs are worth the same UCAS points as A Levels and include challenging exams which contribute to the overall qualification. About 60% of the work is coursework, with typically three or four assignments for each unit. To comply with strict exam board regulations students must hand in this work to meet the published deadlines - otherwise they are unlikely to complete the course. Work is only allowed to be resubmitted once.

## Support, stretch and challenge

Success requires being able to take responsibility for learning—students need to demonstrate that they are independent learners and have the discipline of good attendance and application in order to succeed. The most able are challenged with STEP papers, Physics Olympiad, Cipher challenge, Senior Maths Challenge, Maths Olympiad etc.

### EPQ (Extended Project Qualification)

We encourage all students to do an EPQ. **The Extended Project Qualification** enables you to research a topic of your choice. This is worth half an A Level. You will have a schedule of preparatory lessons which underpin the key elements of independent learning. The choice of topic is yours but should be linked to what you want to do next and be outside of the subject specifications which you are studying. You will have an individual supervisor and you will make a presentation of your findings.

### MAP programme

Not all students find the transition from GCSE easy. For some this is a question of the courses they have studied at GCSE, for others it may be language difficulties or organisational problems. We have a developed **MAP programme**. My Achievement Project structures targeted support for students who have been identified in the Review process as needing support to enable them to achieve their potential. The MAP sessions are for small group work (sometimes one to one) and are held in non-contact periods, lunch-time or after school. Participation is voluntary but expected where students are identified as under-performing.

### Support if you are struggling to cope or finding School difficult for some reason

The two years spent in the Sixth Form can be difficult for students in terms of their personal lives. Sometimes the pressures and demands are beyond what a student can cope with and undermine their ability to achieve. Our Pastoral Managers have a dedicated support role to help students in this position to manage their difficulties. They will work with students, teachers and parents and can call on the additional expertise of external agencies. If it makes sense we may offer a student the opportunity to complete their studies over three years.

### Opportunities

The range and number of opportunities for Post 16 students to expand their knowledge and experience whilst in the Sixth Form is truly extraordinary. This is partly due to our location, in a big city and close to two top universities;

- Subject-based summer schools, taster days and lecture programmes at universities all round the country, including Oxford and Cambridge.
- University outreach schemes such as the Discover Schemes. SOAMS (Sheffield Outreach and Access to Medicine), ADOPT (Access to Dental Occupations: Practice & Tutoring), STEM, Arts and Humanities etc.
- Work experience (for example, 2 students at JP Morgan in London, recently).

The Post 16 Bulletin is emailed on a weekly basis with the details of the latest opportunities offered by universities, educational charities and companies.

## Year 12 calendar

### October

**Settling in review**—this helps identify students at risk of failure or who haven't yet adapted to Post 16 study.

### December

**Review 1**—sent home to parents and discussed with students in tutorial.

### January

Formal assessments.

### February

**Review 2**—sent home to parents and discussed with students in tutorial. Final A Level grades predicted for the first time. Joint Consultation Evening.

### May

Formal internal trial exams.

### June

Resit exams—if needed.

### July

**Review 3**—sent home to parents and discussed with students in tutorial. Estimated grades generated and used in UCAS references.

Progression meetings and enrolment into Year 13.

## Year 13 calendar

### September

Support for Post 18 applications continues.

### November

**Review 4**—sent home to parents and discussed with students in tutorial.

Joint Consultation Evening.

### January

Formal internal trial exams. BTEC external examinations.

### February

**Review 5**—sent home to parents and discussed with students in tutorials.

### April

**Review 6**—sent home to parents and discussed with students in tutorial. Final estimates of most likely grades.

### May/June

External A Level and BTEC examinations.

# KING EDWARD VII SCHOOL



## Enrichment Opportunities

As a student at King Edward VII School you will be encouraged to become involved with a wide range of extra curricular activities. These are designed to widen your experience, develop new skills and to be enjoyable! You may go on a subject related visit, such as to Iceland with Geography, Washington with History /Politics, a field trip, an art gallery, theatre or a special lecture or conference at university.

Opportunities exist within the timetable and outside of the normal school day for all students at King Edward VII. All Year 12 students will normally have Wednesday afternoons free of scheduled lessons making it easier to take up and develop extra curricular activities. We usually have over 20 different exhibitors at our Y12 enrichment fayre in September. With such a big range there is something for everyone. The team working and communication skills that you gain through enrichment activities will strengthen your applications for university and employment.

### Most years students can experience:

The **Duke of Edinburgh Award Scheme** is very active in the School, offering opportunities for around 50 students every year to undertake the Gold Award.

In a typical year a number of **clubs and societies** are active in School including the Eco Group, Debating Club and Chess Club.

**Language courses** such as Italian, French, German, Spanish and Mandarin classes are available after school. You may also decide to be entered for a language A Level in your home language as part of the HOLA scheme.

**Extra curricular music** is flourishing in the school and offers considerable opportunities for students to widen their experience. In a typical year, musical activities could include a Senior Choir, a Madrigal Group, a First Orchestra, a Brass Band, a Jazz Band, a String Quartet and a Barber Shop group. Musical Groups have been successful in competitions both locally and nationally.

**Drama** is strong in the School and in recent years students have undertaken, very successfully, their own dramatic productions as well as being involved in the major School plays of the year. Productions give opportunities for students to be involved as actors, as stage crew and as producers and directors. Several students in have had parts in plays at the Crucible and have taken up places in Drama and Acting Schools around the country once they have left King Edward VII School.

**School sports teams** are active in the Sixth Form and PE staff will encourage you and organise fixtures on your behalf. There are staff timetabled on Wednesday afternoons and sports halls are available on both school sites. At the highest level, students and former students have represented Sheffield, Yorkshire and England. Recently students have won representative honours in athletics, swimming, tennis, fencing, bouldering and ice skating. Some go **skiing** in Italy as part of the School ski trip.

Many students arrange to work as a **volunteer**. This could be at the Hallamshire Hospital, a care home, Western Park Museum, a local primary school such as Broomhill or Sharrow Primary Schools working with younger students and helping them read. Such experiences can be very rewarding and sometimes life-changing—often they are pre-requisite for progression to certain careers.

Some students have achieved highly with Physics and Maths **Olympiads**— representing the UK in international finals. The Cipher Club has a distinguished record at a national level.



# King Edward VII School

## **Student destinations September 2023**

**King Edward VII - Upper School**

Post 16 Office  
Glossop Road  
Sheffield  
S10 2PW

Telephone - 0114 2296581  
Email - [p16admissions@kes.sheffield.sch.uk](mailto:p16admissions@kes.sheffield.sch.uk)

[www.kes.sheffield.sch.uk](http://www.kes.sheffield.sch.uk)

## **SUMMARY**

244 students gained a place at university

86.5% of students who applied to university got a place

5 students secured places at Oxford and Cambridge universities  
(38 in the last 5 years)

86 students gained places at Russell Group universities

73 students gained places at Sheffield Hallam University and 21  
at Sheffield University

<b>Provider name</b>	<b>Course placed</b>	<b>Year of en</b>
Aberystwyth University	Psychology (with integrated foundation year)	2023
Aston University, Birmingham	Pharmacy	2023
Aston University, Birmingham	Medicine	2023
Bangor University	Psychology	2023
Bangor University	Zoology	2023
Birmingham City University	Speech and Language Therapy with Foundation Year	2023
Bristol, University of the West of England	Business (Team Entrepreneurship)	2023
Cardiff University	German and Japanese	2023
Cardiff University	Urban Planning and Development with a Professional Placement Year	2023
City, University of London	Criminology	2023
Coventry University	Motorsport Engineering	2023
De Montfort University	Aeronautical Engineering	2023
Durham University	General Engineering	2024
Durham University	Psychological and Behavioural Science	2023
Edge Hill University	Medicine	2023
Edinburgh Napier University	Nursing (Adult)	2023
Harper Adams University	Applied Zoology (with Placement)	2023
Hull York Medical School	Medicine with a Gateway Year	2023
Lancaster University	Mathematics	2023
Lancaster University	Business Management (Industry)	2023
Lancaster University	Law	2023
Lancaster University	English Language and Linguistics (Placement Year)	2023
Leeds Arts University	Animation	2023
Leeds Beckett University	Early Years	2023
Leeds Beckett University	English and Creative Writing	2024
Leeds Beckett University	Accounting & Finance	2023
Leeds Beckett University	Sport Marketing	2023
Leeds Beckett University	Counselling and Mental Health	2023
Leeds Beckett University	Accounting & Finance	2023
Leeds Trinity University	Criminology with Police Studies with Foundation	2023
Leeds Trinity University	Computer Science with Foundation Year in Computing	2023
Liverpool John Moores University	Construction and Property	2023
Liverpool John Moores University	Events Management	2023
Liverpool John Moores University	Adult Nursing	2023
Liverpool John Moores University	Psychology	2023
Liverpool John Moores University	Pharmaceutical and Cosmetic Science with Foundation Year	2023
London School of Economics and Political Science	History	2023
Manchester Metropolitan University	Psychology	2023
Manchester Metropolitan University	English and Creative Writing	2024
Manchester Metropolitan University	Human Physiology	2023
Manchester Metropolitan University	Sport and Exercise Science	2023
Manchester Metropolitan University	Criminology (Foundation)	2023
Manchester Metropolitan University	Human Physiology	2023
Manchester Metropolitan University	Health and Care Practice (Nursing Associate)	2023
Manchester Metropolitan University	Interior Design	2023
MetFilm	Acting for Screen	2024
Newcastle University	Modern Languages	2023
Newcastle University	Computer Science	2023
Newcastle University	Politics and History	2023
Newcastle University	Computer Science	2023
Newcastle University	Dentistry	2023
Newcastle University	Computer Science	2023
Newcastle University	Mathematics	2023
Newcastle University	Mechanical Engineering	2024
Newcastle University	Accounting and Finance	2023
Northumbria University, Newcastle	Social Sciences Foundation Year	2023
Northumbria University, Newcastle	Primary Education (3-7 and 7-11)	2023
Northumbria University, Newcastle	Criminology and Forensic Science	2023



<b>Provider name</b>	<b>Course placed</b>	<b>Year of en</b>
Northumbria University, Newcastle	Sport Foundation Year	2023
Northumbria University, Newcastle	Psychology	2023
Northumbria University, Newcastle	3D Design: Furniture and Product	2023
Nottingham Trent University	Fashion Design	2023
Nottingham Trent University	Design for Film and Television	2023
Sheffield College	Professional Practice in Health and Social Care	2023
Sheffield Hallam University	Computer Science with Artificial Intelligence	2023
Sheffield Hallam University	Software Engineering with Foundation Year	2023
Sheffield Hallam University	Business and Enterprise Management	2023
Sheffield Hallam University	Computer Science	2023
Sheffield Hallam University	Psychology	2023
Sheffield Hallam University	Economics	2023
Sheffield Hallam University	Accounting and Finance	2023
Sheffield Hallam University	Biomedical Sciences with Foundation Year	2023
Sheffield Hallam University	Nursing (Adult)	2023
Sheffield Hallam University	Business and Enterprise Management	2023
Sheffield Hallam University	Mechanical Engineering with Foundation Year	2023
Sheffield Hallam University	Operating Department Practice	2023
Sheffield Hallam University	Occupational Therapy	2023
Sheffield Hallam University	Architecture	2023
Sheffield Hallam University	Biomedical Sciences	2023
Sheffield Hallam University	Physical Activity, Sport and Health with Foundation Year	2023
Sheffield Hallam University	Business and Financial Management	2023
Sheffield Hallam University	Sport and Exercise Science	2023
Sheffield Hallam University	Computer Science	2023
Sheffield Hallam University	Computer Science with Artificial Intelligence	2023
Sheffield Hallam University	Psychology with Foundation Year	2023
Sheffield Hallam University	Mechanical Engineering	2023
Sheffield Hallam University	Fashion Management and Communication	2023
Sheffield Hallam University	Biomedical Sciences with Foundation Year	2023
Sheffield Hallam University	Criminology and Psychology	2023
Sheffield Hallam University	Nursing (Adult)	2023
Sheffield Hallam University	Education with Psychology and Counselling	2023
Sheffield Hallam University	Business and Management	2024
Sheffield Hallam University	Law	2023
Sheffield Hallam University	Business and Financial Management	2023
Sheffield Hallam University	Biomedical Sciences	2023
Sheffield Hallam University	Education with Psychology and Counselling	2024
Sheffield Hallam University	Psychology	2023
Sheffield Hallam University	Accounting and Finance	2023
Sheffield Hallam University	Computer Games Technologies with Foundation Year	2023
Sheffield Hallam University	Automotive Engineering	2023
Sheffield Hallam University	Software Engineering	2023
Sheffield Hallam University	Biomedical Sciences	2023
Sheffield Hallam University	History	2023
Sheffield Hallam University	Law with Criminology	2023
Sheffield Hallam University	Interior Architecture and Design with Foundation Year	2023
Sheffield Hallam University	Digital Marketing with Foundation Year	2023
Sheffield Hallam University	Early Childhood Studies	2023
Sheffield Hallam University	Sociology	2023
Sheffield Hallam University	Biomedical Sciences	2023
Sheffield Hallam University	Biochemistry with Foundation Year	2023
Sheffield Hallam University	Psychology	2023
Sheffield Hallam University	Sociology	2023
Sheffield Hallam University	Mathematics	2023
Sheffield Hallam University	Business and Marketing with Foundation Year	2023
Sheffield Hallam University	Accounting and Finance with Foundation Year	2023
Sheffield Hallam University	Physiotherapy	2023

<b>Provider name</b>	<b>Course placed</b>	<b>Year of en</b>
Sheffield Hallam University	Psychology	2023
Sheffield Hallam University	Automotive Engineering	2023
Sheffield Hallam University	Law	2023
Sheffield Hallam University	Biomedical Sciences	2023
Sheffield Hallam University	Computer Science	2023
Sheffield Hallam University	Computer Science	2023
Sheffield Hallam University	Sport Business Management	2023
Sheffield Hallam University	Airline and Airport Management with Foundation Year	2023
Sheffield Hallam University	Economics and Finance	2023
Sheffield Hallam University	Architecture	2023
Sheffield Hallam University	Geography	2023
Sheffield Hallam University	Biology	2023
Sheffield Hallam University	Psychology with Foundation Year	2023
Sheffield Hallam University	Criminology and Sociology with Foundation Year	2023
Sheffield Hallam University	Criminology and Sociology with Foundation Year	2023
Sheffield Hallam University	Early Years and Primary Education (3-7) with QTS	2023
Sheffield Hallam University	Psychology	2023
Sheffield Hallam University	Human Nutrition and Health with Foundation Year	2023
Sheffield Hallam University	Law	2023
Sheffield Hallam University	Physical Activity, Sport and Health with Foundation Year	2023
Sheffield Hallam University	Radiotherapy and Oncology	2023
University of Aberdeen	Computing Science	2023
University of Birmingham	Modern Languages	2023
University of Bradford	Pharmacy (including pre-registration training)	2023
University of Bradford	Pharmacy	2023
University of Bradford	Optometry	2023
University of Brighton	Geography	2023
University of Bristol	Modern Languages	2023
University of Bristol	History	2023
University of Bristol	Chemistry	2023
University of Cambridge	History and Politics	2023
University of Derby	Mechanical Engineering	2023
University of Dundee	Neuroscience	2023
University of East Anglia UEA	Economics	2023
University of East Anglia UEA	Accounting and Finance with a Year in Industry	2023
University of East Anglia UEA	Physiotherapy	2024
University of Essex	European Studies (Including Foundation Year)	2023
University of Exeter	Law with Business	2023
University of Exeter	Art History & Visual Culture and Film & Television Studies with Stud	2023
University of Huddersfield	Science Extended Degree leading to a BSc(Hons) Degree	2023
University of Huddersfield	Science Extended Degree leading to a BSc(Hons) Degree	2023
University of Huddersfield	Science Extended Degree leading to a BSc(Hons) Degree	2023
University of Hull	Computer Science	2023
University of Hull	Psychology	2023
University of Hull	Law (European Legal Studies)	2024
University of Kent	Forensic Science (MSci 4 years)	2023
University of Kent	Biomedical Science	2023
University of Leeds	Law	2023
University of Leeds	International Relations	2023
University of Leeds	Food Science and Nutrition	2023
University of Leeds	Economics	2023
University of Leeds	Dental Surgery / Oral Science	2023
University of Leicester	Biological Sciences	2023
University of Lincoln	Mathematics and Theoretical Physics	2023
University of Lincoln	Pharmacy with Science Foundation Year	2023
University of Lincoln	Psychology with Forensic Psychology	2024
University of Lincoln	Philosophy	2023
University of Liverpool	English with World Literature	2023

<b>Provider name</b>	<b>Course placed</b>	<b>Year of en</b>
University of Liverpool	International Relations	2024
University of Liverpool	Accounting and Finance	2023
University of Liverpool	Architecture	2023
University of Liverpool	Medicine	2023
University of Manchester	Physics	2023
University of Manchester	Mechanical Engineering with an Integrated Foundation Year	2023
University of Manchester	Architecture with Foundation Year	2023
University of Manchester	International Management	2023
University of Manchester	Electrical and Electronic Engineering with Industrial Experience	2023
University of Manchester	Physics with Theoretical Physics	2023
University of Manchester	Chemical Engineering	2023
University of Manchester	Psychology	2023
University of Manchester	Computer Science	2023
University of Manchester	Physics with an Integrated Foundation Year	2024
University of Manchester	Mechanical Engineering with an Integrated Foundation Year	2023
University of Manchester	Biology with Industrial / Professional Experience (4 years)	2023
University of Manchester	Pharmacy	2023
University of Manchester	Chemistry with International Study	2023
University of Manchester	Chemical Engineering	2023
University of Manchester	Computer Science with an Integrated Foundation Year	2023
University of Nottingham	Civil Engineering including an Industrial Year	2023
University of Nottingham	Economics	2023
University of Nottingham	Computer Science	2023
University of Nottingham	Psychology	2023
University of Nottingham	Law	2023
University of Nottingham	Veterinary Medicine	2024
University of Oxford	Beginners' Italian and Linguistics	2023
University of Oxford	German and Linguistics	2023
University of Oxford	History	2023
University of Oxford	French and Linguistics	2024
University of Plymouth	Medicine	2023
University of Plymouth	Biomedical Science	2023
University of Plymouth	Computer Science	2024
University of Salford	Civil Engineering	2023
University of Salford	Sport Rehabilitation	2023
University of Sheffield	Education, Culture and Childhood	2023
University of Sheffield	Mathematics	2023
University of Sheffield	Electronics and Computer Engineering	2023
University of Sheffield	Aerospace Engineering	2023
University of Sheffield	Physics	2023
University of Sheffield	International Business Management with Study Abroad	2023
University of Sheffield	Chemistry	2023
University of Sheffield	Civil Engineering with an Industrial Placement Year	2023
University of Sheffield	Education, Culture and Childhood	2023
University of Sheffield	Aerospace Engineering with a Foundation Year	2023
University of Sheffield	Mathematics	2023
University of Sheffield	Psychology with Placement Year	2023
University of Sheffield	Mechanical Engineering	2023
University of Sheffield	Mechanical Engineering with an Industrial Placement Year	2023
University of Sheffield	Chemistry with a Foundation Year	2023
University of Sheffield	Electrical and Electronic Engineering	2023
University of Sheffield	Biomedical Science	2023
University of Sheffield	Biomedical Science	2023
University of Sheffield	English Literature	2023
University of Sheffield	Biomedical Science	2023
University of Sheffield	Orthoptics	2023
University of Southampton	Aeronautics and Astronautics / Spacecraft Engineering	2023
University of Strathclyde	Speech and Language Pathology	2023

<b>Provider name</b>	<b>Course placed</b>	<b>Year of en</b>
University of Sunderland	Pharmacy	2023
University of Sunderland	Biopharmaceutical Science with Integrated Foundation Year	2023
University of Sussex	Zoology	2023
University of the Arts London	Fashion Communication: Histories and Theories	2023
University of Warwick	Computer Science	2023
University of Warwick	Computer Science	2023
University of Westminster, London	Cyber Security and Forensics	2023
University of Worcester	Fine Art with Psychology	2024
University of York	Social and Political Sciences	2023
University of York	Chemistry with a year in industry	2023
University of York	Mathematics and Statistics (Equal)	2023
University of York	History of Art	2023
York St John University	Sport and Exercise Science	2023
York St John University	Japanese, TESOL and Linguistics	2023
York St John University	English Literature and Film Studies	2023

<p style="text-align: center;"><b>King Edward VII School</b> <b>Post 16 Courses</b></p>
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<b>A Levels</b>
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Art & Design (Fine Art)
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Art & Design (Graphic Communication)
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Art & Design (Photography)
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Art & Design (Textiles)
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Biology
---------

Business
----------

Chemistry
-----------

Computer Science
------------------

Design Technology (Product Design)
------------------------------------

Drama and Theatre
-------------------

Economics
-----------

English Language
------------------

English Literature
--------------------

French
--------

Geography
-----------

German
--------

History
---------

Maths
-------

Further Maths
---------------

Music
-------

Physical Education
--------------------

Philosophy
------------

Physics
---------

Politics
----------

Psychology
------------

Sociology
-----------

Spanish
---------

<b>Level 3 BTEC Courses</b>
-----------------------------

Applied Science, Diploma (Two A Level equivalent)
---

Business, Extended Certificate (One A Level equivalent)
---

Engineering, Foundation Diploma (One and half A Level equivalent)
---

Health & Social Care, Extended Certificate (One A Level equivalent)
---

Health & Social Care, Diploma (Two A Level equivalent)
--

<b>Other courses</b>
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Core Maths (0.4 of an A level)
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Extended Project Qualification or EPQ (0.5 of an A level)
---

English Language GCSE Resit
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Maths GCSE Resit
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# King Edward VII School

## Curriculum

### Summary and entry requirements for September 2024

Further details available  
from subject areas

**King Edward VII - Upper School**

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About 75% of Y12 students will follow this route.

**LEVEL 2**  
**End of Year 11**  
**GCSEs and Level 2**  
**BTECs completed**

Just under 1/3 of students enter university with BTECs or mix of BTECs and A Levels (Mixed Economy).

**KING EDWARD VII**  
**SCHOOL**

## YEAR 12

**LEVEL 3**  
**A Levels only — start 3 or 4**  
If started with 4 subjects typically drop one subject in Y12

**LEVEL 3**  
**A Levels and BTEC**  
**MIXED ECONOMY ROUTE**  
E.g. 2 A Levels and 1 BTEC

**LEVEL 3**  
**BTECs only — 3 qualification equivalent**  
E.g. 1 double award BTEC and 1 single award BTEC

**For all pathways**  
Additional half courses available:  
Core Maths, EPQ  
**PLUS retakes:**  
GCSE English Language/Maths if needed

## YEAR 13

**LEVEL 3**  
**Finish**  
3 or 4 subjects

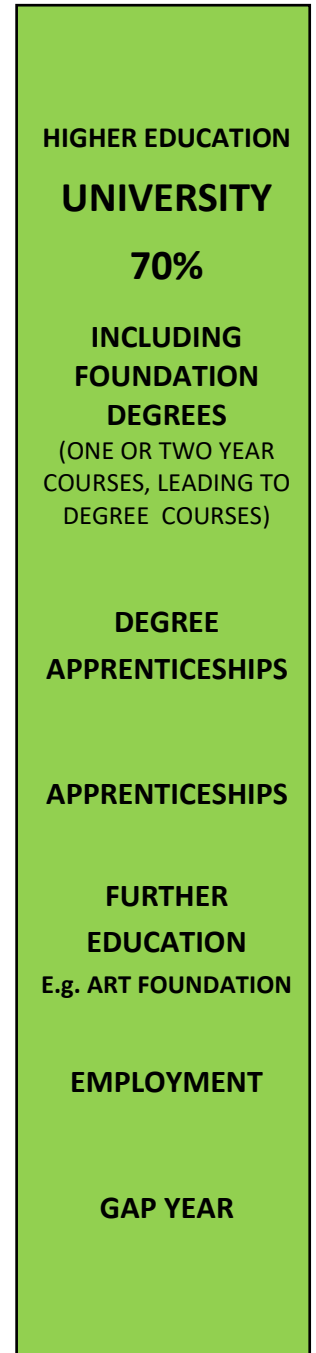
**OR**

**LEVEL 3**  
**Finish**  
2 subjects  
Start another A Level/BTEC

**Additional qualifications**  
Completed in Y12, Y13 or Y14

## YEAR 14

**LEVEL 3**  
**Finish**  
1 subject  
About 10% of students need this third year



# King Edward VII School - September 2024 Course entry requirements.

Minimum of 5 good GCSE grades (Grade 4 or better). Must include English Language at Grade 4 or better.

All full A Level courses are linear and are examined at the end of Year 13. There are no AS exams at the end of Year 12.

Subjects	Qualification	Board	Course length	Course entry requirements and extra information
<b>Applied Science BTEC</b>	BTEC Level 3 Diploma <i>(2 A Level equivalent)</i>	Edexcel	2 years	Grade 5 in two Sciences and Grade 5 in Maths.
<b>Art and Design (Fine Art)</b>	A Level	AQA	2 years	Grade 5 in Art, Photography or Graphics or attending an interview with a suitable portfolio of work.
<b>Art and Design (Graphic Communication)</b>	A Level	AQA	2 years	Grade 5 Art & Design/Photography/Graphics or Grade 5 in a Design & Technology subject. Some creative BTEC qualifications may also be useful or attending an interview with a suitable portfolio of work
<b>Art and Design (Photography)</b>	A Level	AQA	2 years	Grade 5 in Art, Photography or Graphics or attending an interview with a suitable portfolio of work.
<b>Art and Design (Textiles)</b>	A Level	AQA	2 years	Grade 5 in a Design & Technology subject or Grade 5 in Art & Design or attending an interview with a suitable portfolio of work.
<b>Biology</b>	A Level	AQA	2 years	Grade 6s in Combined Science or Grade 6 in GCSE Biology and Grade 6 in either Chemistry or Physics. Grade 6 in Maths.
<b>Business</b>	A Level	Edexcel	2 years	Grade 5 in English Language or English Literature and Maths. If you have studied a Business related GCSE you must have attained at least a Grade 5.
<b>Business BTEC</b>	BTEC Level 3 Extended Certificate <i>(1 A Level equivalent)</i>	Edexcel	2 years	Grade 4 in Maths and English Language. A Business related subject at Grade 4 or BTEC Level 2 merit if previously studied.
<b>Chemistry</b>	A Level	OCR	2 years	Grade 6s in Combined Science or Grade 6 in GCSE Chemistry and Grade 6 in either Biology or Physics. Grade 6 in Maths.
<b>Computer Science</b>	A Level	OCR	2 years	Grade 5 in Maths. Grade 5 in Computing, Physics and/or Electronics 5 if previously studied.



<b>Drama and Theatre</b>	A Level	AQA	2 years	Grade 5 in GCSE Drama or Expressive Arts or Merit in BTEC Level 2 Drama or Expressive Arts. Grade 5 in English Language or Literature. Relevant performance experience where no Drama GCSE/BTEC course has been studied may be accepted after discussion with staff.
<b>Economics</b>	A Level	Edexcel	2 years	Grade 5 in English Language or English Literature and Maths. If you have studied a Business related GCSE you must have attained at least a Grade 5.
<b>Engineering BTEC</b>	BTEC Level 3 Foundation Diploma (1.5 A Levels equivalent)	Edexcel	2 years	Grade 4 in English Language and grade 5s in maths and sciences. Level 2 BTEC Merit or better in Engineering will be useful. You will also do an Engineering EPQ worth half an A Level, to make total equivalent to 2 A Levels.
<b>English Language</b>	A Level	AQA	2 years	Grade 6 in English Language and Grade 5 in English Literature.
<b>English Literature</b>	A Level	OCR	2 years	Grade 6 in English Literature and Grade 5 in English Language.
<b>English Language GCSE Resit</b>	GCSE	AQA	1 year	<b>NO NEED TO SELECT.</b> Compulsory for students with a Grade 4 in English Language – studied alongside Extended Project Qualification in one option block in Year 12 only.
<b>Extended Project Qualification (EPQ)</b>	Level 3 / 0.5 A Level  Level 2 / GCSE	AQA	1 year	Students can sign up to take an independent but mentored EPQ in the autumn of Y12. All students with Grade 4 in English Language will be encouraged to take the Level 2 or 3 EPQ course in Year 12.
<b>French</b>	A Level	AQA	2 years	Grade 5 in GCSE French on the higher tier paper.
<b>Geography</b>	A Level	AQA	2 years	Grade 5 at GCSE. If not taken at GCSE a Grade 5 in English and Maths is required.
<b>German</b>	A Level	AQA	2 years	Grade 5 in GCSE German on the higher tier paper.
<b>Health &amp; Social Care BTEC</b>	BTEC Level 3 Extended Certificate (1 A Level equivalent) Diploma (2 A Level equivalent)	AQA	2 years	Grade 4 in two Sciences. Level 2 Pass in BTEC Health & Social Care if previously studied.
<b>History</b>	A Level	AQA	2 years	Grade 5 at GCSE. If not taken at GCSE a Grade 5 in English Language or English Literature.

<b>Maths</b>	A Level	Edexcel	2 years	Grade 6 in Maths.
<b>Core Maths</b>	0.4 of an A Level	OCR	1 year	Grade 4 or above in Maths. Designed for students NOT taking Maths A Level. Will complement subjects such as: Engineering, Psychology, Business or Computer Science.
<b>Further Maths</b>	A Level	Edexcel	2 years	Grade 8 in Maths.
<b>Maths GCSE Resit</b>	GCSE	Edexcel	1 year	<b>NO NEED TO SELECT.</b> Grade 4 or below in Maths – compulsory for students with a Grade 3 or lower.
<b>Music</b>	A Level	AQA	2 years	Grade 6 in Music GCSE or ABRSM Grade 5 on an instrument or BTEC Level 2 Merit, ABRSM or equivalent Grade 5 on an instrument / voice and ability to read music notation or an equivalent demonstration of expertise
<b>Physical Education</b>	A Level	AQA	2 years	Grade 5 in two Sciences. Grade 5 in GCSE PE if taken. Strong interest and regular participation in competitive sport.
<b>Philosophy</b>	A Level	AQA	2 years	Grade 5 in English Language or English Literature.
<b>Physics</b>	A Level	Edexcel	2 years	Grade 6s in Combined Science or Grade 6 in GCSE Physics and Grade 6 in either Chemistry or Biology. Grade 6 in Maths.
<b>Politics</b>	A Level	Edexcel	2 years	Grade 5 in English Language or English Literature and a grade 5 in a Humanities subject.
<b>Product Design</b>	A Level	AQA	2 years	Grade 5 in a Design & Technology subject or Grade 5 in Art & Design, Graphics or Level 2 Pass in Engineering or attending an interview with a suitable portfolio of work.
<b>Psychology</b>	A Level	OCR	2 years	Grade 5 in English Language or English Literature and Maths. Grade 5 in one Science.
<b>Sociology</b>	A Level	AQA	2 years	Grade 5 in English Language or English Literature and Grade 4 in Maths.
<b>Spanish</b>	A Level	AQA	2 years	Grade 5 in GCSE Spanish on the higher tier paper.

## Important notes:

These are the courses we plan to run with their entrance criteria. This information may be subject to change.

- Some courses may not run if there are very low numbers.
- There will be 9 lessons in most subjects spread over the 2 years. There will either be 5 lessons in Year 12 and 4 in Y13 or 4 lessons in Year 12 and 5 in Year 13.
- Most subjects will offer an additional MAP period to intervene with those students needing further support.
- Wednesday afternoons will be kept free for all Year 12 students – allowing for a range of enrichment activities: sport, Duke of Edinburgh's Gold Award, support sessions, masterclasses, events at the universities, working with younger students, volunteering etc.
- If courses run with very few students the number of teaching periods may be reduced by one period – to a minimum of 4 periods.
- BTEC courses will have 40% examined content and 60% assignments.
- There will only be ONE group of **BTEC Applied Science**, **BTEC Engineering** and **BTEC Business** in 2024-25 – so numbers will be capped. Places will be allocated and offers made with a waiting list if necessary. The criteria used will be 'aptitude for the course and potential to succeed'.
- There are a range of independent study areas in school, including an extensive library with librarian support. Most areas have IT provision. There is a **textbook for every subject** available on a loan scheme.
- You will find full details of each course in our **prospectus**. See our website: <https://www.kes.sheffield.sch.uk/sixth-form>
- If you have questions about admissions see <https://www.sheffieldprogress.co.uk/> or ask us via e-mail <mailto:p16admissions@kes.sheffield.sch.uk>

# Y12 BLOCKS 2024-25

Version 1

Block A	Block B	Block C	Block D	Block E
Art & Design (Graphic Communication)	Art & Design (Fine Art)	Art & Design (Textiles)	Art & Design (Fine Art)	Art & Design (Photography)
Biology	Biology	Chemistry	Biology	Biology
Business	Chemistry	Economics	Business	Core Mathematics (4ppw) (1 Yr)
Chemistry	Computer Science	English Language	Chemistry	English Literature
Drama and Theatre	Economics	Further Maths	English Literature	English Resit GCSE (2ppw)
English Language	English Resit GCSE (2ppw)	Mathematics	French	Geography
History	German	Politics	Further Mathematics	History
Mathematics	Geography	Psychology	Mathematics	Mathematics
Maths Resit GCSE (2ppw)	History	Spanish	Physics	Philosophy
Physics	Mathematics		Product Design	Psychology
Psychology	Music		Psychology	Sociology
Sociology	PE			
	Physics			
	Politics	Applied Science (BTEC) (Diploma)		Applied Science (BTEC) (Diploma)
	Psychology	Engineering (BTEC) (Foundation Diploma)	Business (BTEC) (Extended Certificate)	Engineering (BTEC) (Foundation Diploma)
		Health and Social Care (BTEC) (Diploma) Must be taken with Extended Certificate	Health and Social Care (BTEC) (Extended Certificate)	Health and Social Care (BTEC) (Extended Certificate)

ppw is short for periods per week

Students need to choose subjects from **different** blocks to ensure that they fit into the timetable

Anyone wishing to do **Applied Science** will need to choose Block C **AND** E

Anyone wishing to do **Engineering** will need to choose Block C **AND** E

Anyone wishing to do **Further Mathematics** will have to study this in Block C **AND** Block D

Anyone wishing to do the **Health & Social Care Diploma** will need to choose Block C **AND** either Block D or E

**NOTE: The school reserves the right not to run courses where the number of students is not viable**

**PLEASE NOTE THAT THERE MAY BE CHANGES TO THIS BLOCK TIMETABLE**



# King Edward VII School

## **Examination Performance 2023**

**King Edward VII - Upper School**  
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[www.kes.sheffield.sch.uk](http://www.kes.sheffield.sch.uk)

## Examination results 2023

21% of all entries were A\* - A grades

48% of all entries were A\* - B grades

244 students gained a place at university

86.5% of students who applied to university got a place

5 students secured places at Oxford and Cambridge universities (38 in the last 5 years)

86 students gained places at Russell Group universities

73 students gained places at Sheffield Hallam University and 21 at Sheffield University

# KING EDWARD VII SCHOOL

## KS5 EXAMINATION RESULTS 2023

Subject	A LEVEL GRADES						
	A*	A	B	C	D	E	U
Art & Design: 3D Design	0	1	0	1	0	0	0
Art & Design: Fine Art	5	0	4	8	0	3	0
Art & Design: Graphic Communication	0	0	4	5	1	0	0
Art & Design: Photography	0	2	1	2	3	1	1
Art & Design: Textiles	0	0	1	2	1	1	0
Biology	2	17	14	26	10	10	3
Business Studies	0	11	13	10	2	0	0
Chemistry	0	12	19	11	17	5	3
Computer Studies	0	4	4	4	4	4	4
Design Technology: Product Design	1	0	0	2	4	0	0
Drama	1	2	2	0	0	0	0
Economics	1	4	11	13	4	2	0
English Language	0	2	13	10	3	1	1
English Literature	2	1	10	3	0	0	0
French	0	1	0	2	1	0	0
Further Mathematics	2	9	3	2	1	3	1
Geography	0	3	6	10	3	4	0
German	0	2	3	0	0	0	0
History	1	12	18	13	0	0	3
Mathematics	9	21	16	26	17	12	3
Music	1	2	0	0	2	1	0
PE	0	0	4	2	2	1	0
Philosophy	0	2	7	3	3	1	0
Physics	3	8	14	8	7	3	1
Politics	0	2	8	7	2	1	0
Psychology	10	11	20	25	15	6	1
Sociology	2	1	8	13	9	6	2
Spanish	0	2	4	1	2	2	0

Subject	ONE-YEAR COURSES / AS LEVEL GRADES						
	A*	A	B	C	D	E	U
Core Maths		0	1	3	1	1	2
EPQ	7	3	10	5	2	5	0
Cert. Financial Studies	0	3	8	5	1	0	0

BTEC	BTEC GRADES				
	D*	D	M	P	Fail
Business	2	4	6	0	0
Engineering	0	3	10	2	1
Health and Social Care -Single award	2	7	8	2	0

BTEC	D*D*	D*D	DD	DM	MM	MP	PP	Fail
Applied Science - Dual award	0	0	0	1	3	0	0	0
Health and Social Care - Dual award	0	2	3	3	1	0	0	0

King Edward VII School



Curriculum information for  
**Applied Science**  
**Level 3**  
**BTEC (Diploma**  
**or Extended**  
**Certificate)**



# Applied Science Level 3 BTEC Diploma or Level 3 BTEC Extended Certificate

The diploma is equivalent in size to two A levels and UCAS points awarded as with A levels. The extended certificate is equivalent in size to one A Level. The extended certificate will be completed in one academic year, the diploma in two academic years.

Assignments, units and final marks will be awarded as: Pass (E), Merit (C), Distinction (A), and Distinction\* (A\*).

**This Science course is specifically aimed at young people wanting to study a related course at university, take up an apprenticeship or career straight after school.**

It is ideal for students who would enjoy completing regular assignments and project work. The course is made up of 8 units of work covering different aspects of science. There are 2 examined units and 6 assignment assessed units.

## What do I need to study Science Level 3 BTEC

Grade 5 in two Sciences and grade 5 in Maths

## What will I learn?

**Year 1 – 4 units:** Mandatory Units: Principles & Application of Science 1; Practical Scientific Procedures & Techniques; Science Investigation Skills.

One optional unit: (currently Human Regulation and Reproduction but this is subject to change)

**Year 2 – 4 units:** Mandatory Units: Principles & Applications of Science 2; Investigative Project; Laboratory Techniques & Application.

One optional unit: (currently Disease and Infection, but this is subject to change)

As well as learning a broad base of scientific knowledge, you will learn a variety of laboratory techniques and skills to a high standard, how to process and analyse data and improve method and technique. You will learn how to research, reference and write reports, about how science works in industry in terms of Health and Safety and how laboratories deal with the data they produce from their work.

## **How will I be taught?**

The majority of your lessons will be in laboratories where you'll be carrying out practical experiments, writing up scientific reports or preparing posters and presentations for your assignments. Some theory lessons are classroom based or in IT rooms.

## **How will I be assessed?**

There are a variety of assessment methods including; examinations, written coursework, presentations and practical experiments. You will be assessed throughout the year with assignments that must be completed and passed.

## **What can I do next?**

This diploma course is the equivalent of two A-Levels and worth up to 112 UCAS points depending on your grades. The extended certificate is worth up to 56 UCAS points depending on your grades. This allows progression to related degree programmes at universities across the country. Alternatively, you may seek employment in the industry. A recent economic study of South Yorkshire (September 2017) has identified a shortage of young people ready to work as laboratory technicians – there is projected to be a significant increase in the number of job vacancies in this field.

**King Edward VII - Upper School**

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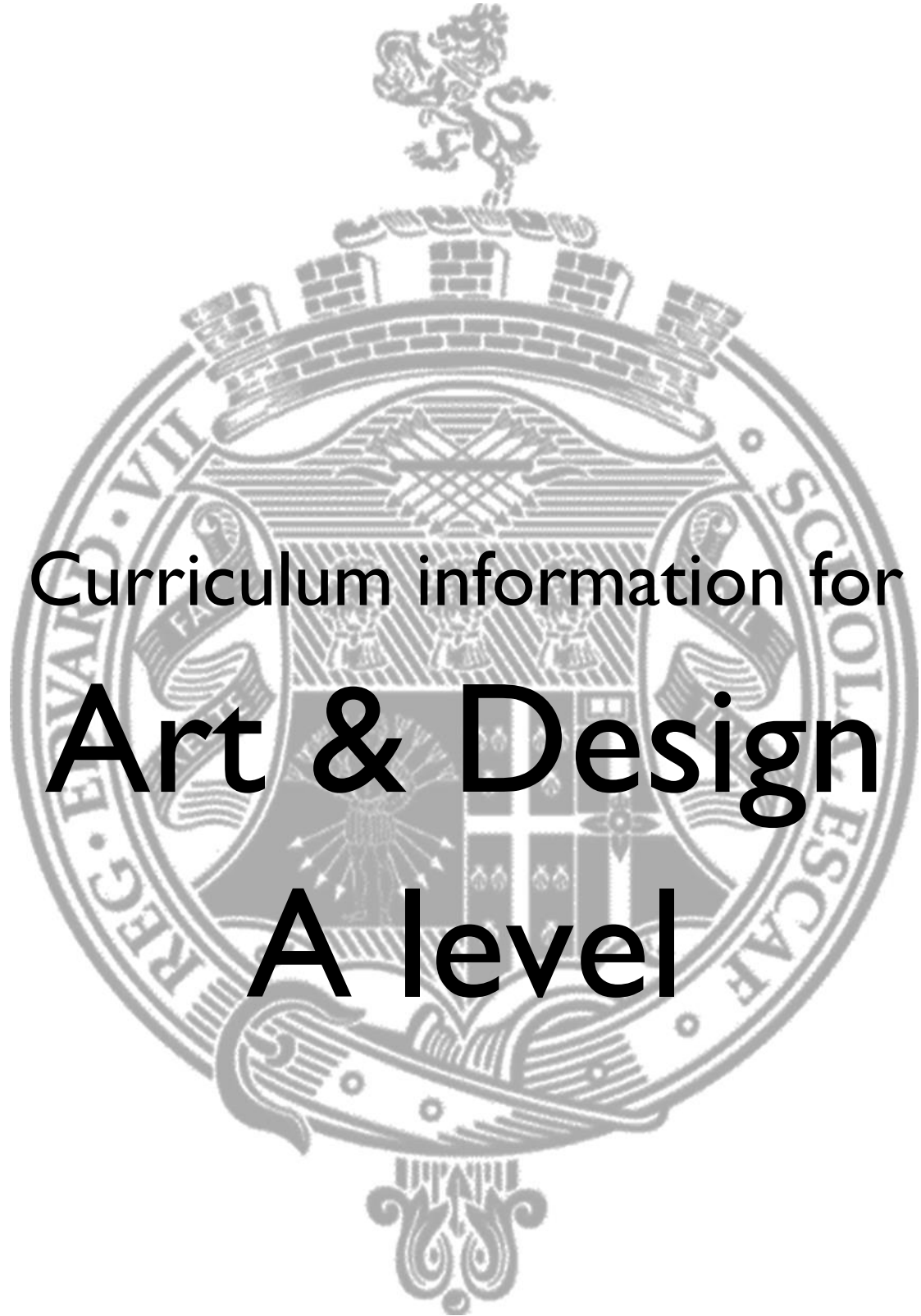
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# King Edward VII School



Curriculum information for

**Art & Design**

**A level**

# **ART & DESIGN:**

This is a two year course with an assessment period during Year 12. It comprises 60% coursework, 40% externally set assignment.

- Fine Art
- Graphic Communication
- Photography
- Textiles
- 3D Design

## **What do I need to study Art and Design at A level?**

Students who wish to follow any of these courses need to be self-motivated, creative, proactive and enthusiastic about the subject. Ideally you should have attained at least a grade 5 at GCSE in Art and Design/Photography/Graphics/Textiles. Occasionally we do take students on the course without this qualification but students will be expected to submit a portfolio of work and have an informal interview in this instance.

## **What does the course involve?**

Students will produce coursework (60%) and an examination unit (40%) titled "externally set assignment" with a controlled test component. Students are expected to:

- Understand and explore the concepts and contexts of the work of contemporary artists, craftspersons, designers and photographers, plus other critical sources such as film, music and literature.
- Explore and experiment with a range of materials.
- Record from observation including taking photographic images.
- Experiment and develop ideas through a range of practical and conceptual processes, working towards a final piece showing clearly how you have been informed by the work of contemporary artists, craftspersons, designers and photographers, plus other critical sources such as film, music and literature.
- Present the work in an appropriate context e.g. sketchbook, mounted sheets, virtual folder, website, with an introductory written element.
- Produce a substantial final piece (or pieces) of work.

## **Art & Design: Fine Art**

### **Art & Design: Photography**

AO1 – Developing ideas

AO2 – Exploring appropriate resources

AO3 – Recording ideas

AO4 – Presentation of response

### **Component 1 Project Portfolio (60%)**

Students will be asked to produce a range of images, artefacts and samples leading into either two dimensional or three dimensional pieces of creative work.

Portfolios will include:

- A selection of thoughtfully presented pieces that demonstrates the breadth and depth of the course of study.
- At least one extended collection of work or project, based on an idea, concept, theme or issue. This should demonstrate the student's ability to sustain work from an initial starting point to a final outcome.
- Evidence of their ability to research and develop ideas and link their work in a meaningful way to relevant critical/contextual materials.

### **Component 2 Externally Set Assignment (40%)**

Students will choose one question from a choice set by AQA. Students must cover all four assessment objectives thoroughly during the examination period.

#### **Preparatory period – from February 1st**

Preparatory work should be presented in any suitable format, such as mounted sheets, design sheets, sketchbooks, workbooks, journals or models.

#### **Supervised examination – 15 hours**

In the 15 hours spread over a week, students must produce a finished outcome or a series of related finished outcomes, informed by their preparatory work.

# **ART and DESIGN: GRAPHIC COMMUNICATION**

This is a two year course with an assessment period during Year 12. It comprises 60% coursework, 40% externally set assignment.

## **What do I need to study GRAPHIC COMMUNICATION at A level?**

Students who wish to follow either of these courses need to be self-motivated, creative, proactive and enthusiastic about the subject. Ideally you should have attained at least a grade 5 at GCSE in Art and Design. Occasionally we do take students on the course without this qualification but students will be expected to submit a portfolio of work and have an informal interview in this instance.

## **What does the course involve?**

Students will produce coursework and an examination unit (externally set assignment) with a controlled test component. Students are expected to:

- Understand and explore the concepts and contexts of the work of contemporary artists, craftspersons, designers and photographers, plus other critical sources such as film, music and literature.
- Explore and experiment with a range of materials.
- Record from observation including taking photographic images.
- Experiment and develop ideas through a range of practical and conceptual processes, working towards a final piece showing clearly how you have been informed by the work of contemporary artists, craftspersons, designers and photographers, plus other critical sources such as film, music and literature.
- Present the work in an appropriate context e.g. sketchbook, mounted sheets, virtual folder, website, with an introductory written element.

- Produce a substantial final piece (or pieces) of work.

## **Art & Design: Graphic Communication**

AO1 – Developing ideas

AO2 – Exploring appropriate resources

AO3 – Recording ideas

AO4 – Presentation of response

### **Component 1 Project Portfolio (60%)**

Students will be asked to produce a range of images, artefacts and samples leading into either two dimensional or three dimensional pieces of creative work.

Portfolios will include:

- A selection of thoughtfully presented pieces that demonstrates the breadth and depth of the course of study.
- At least one extended collection of work or project, based on an idea, concept, theme or issue. This should demonstrate the student's ability to sustain work from an initial starting point to a final outcome.
- Evidence of their ability to research and develop ideas and link their work in a meaningful way to relevant critical/contextual materials.

### **Component 2 Externally Set Assignment (40%)**

Students will choose one question from a choice set by AQA. Students must cover all four assessment objectives thoroughly during the examination period.

#### **Preparatory period – from February 1st**

Preparatory work should be presented in any suitable format, such as mounted sheets, design sheets, sketchbooks, workbooks, journals or models.

#### **Supervised examination – 15 hours**

In the 15 hours spread over a week, students must produce a finished outcome or a series of related finished outcomes, informed by their preparatory work.





# **ART and DESIGN: 3D Design**

This is a two year course with an assessment period during Year 12. It comprises 60% coursework, 40% externally set assignment.

## **What do I need to study 3D Design at A level?**

Students who wish to follow either of these courses need to be self-motivated, creative, proactive and enthusiastic about the subject. Ideally you should have attained at least a grade 5 at GCSE in Art and Design. Occasionally we do take students on the course without this qualification but students will be expected to submit a portfolio of work and have an informal interview in this instance.

## **What does the course involve?**

Students will produce coursework and an examination unit (externally set assignment) with a controlled test component. Students are expected to:

- Understand and explore the concepts and contexts of the work of contemporary artists, craftspersons, designers and photographers, plus other critical sources such as film, music and literature.
- Explore and experiment with a range of materials.
- Record from observation including taking photographic images.
- Experiment and develop ideas through a range of practical and conceptual processes, working towards a final piece showing clearly how you have been informed by the work of contemporary artists, craftspersons, designers and photographers, plus other critical sources such as film, music and literature.
- Present the work in an appropriate context e.g. sketchbook, mounted sheets, virtual folder, website, with an introductory written element.
- Produce a substantial final piece (or pieces) of work.

## **Art & Design: 3D Design**

AO1 – Developing ideas

AO2 – Exploring appropriate resources

AO3 – Recording ideas

AO4 – Presentation of response

## **Component 1 Project Portfolio (60%)**

Students will be asked to produce a range of images, artefacts and samples leading into three dimensional pieces of creative work.

Portfolios will include:

- A selection of thoughtfully presented pieces that demonstrates the breadth and depth of the course of study.
- At least one extended collection of work or project, based on an idea, concept, theme or issue. This should demonstrate the student's ability to sustain work from an initial starting point to a final outcome.
- Evidence of their ability to research and develop ideas and link their work in a meaningful way to relevant critical/contextual materials.

## **Component 2 Externally Set Assignment (40%)**

Students will choose one question from a choice set by AQA. Students must cover all four assessment objectives thoroughly during the examination period.

### **Preparatory period – from February 1st**

Preparatory work should be presented in any suitable format, such as mounted sheets, design sheets, sketchbooks, workbooks, journals or models.

### **Supervised examination – 15 hours**

In the 15 hours spread over a week, students must produce a finished outcome or a series of related finished outcomes, informed by their preparatory work.

# **ART and DESIGN: TEXTILES**

This is a two year course with an assessment period during Year 12. It comprises 60% coursework, 40% externally set assignment.

## **What do I need to study TEXTILES at A level?**

Students who wish to follow either of these courses need to be self-motivated, creative, proactive and enthusiastic about the subject. Ideally you should have attained at least a grade 5 at GCSE in Art and Design. Occasionally we do take students on the course without this qualification but students will be expected to submit a portfolio of work and have an informal interview in this instance.

## **What does the course involve?**

Students will produce coursework and an examination unit (externally set assignment) with a controlled test component. Students are expected to:

- Understand and explore the concepts and contexts of the work of contemporary artists, craftspersons, designers and photographers, plus other critical sources such as film, music and literature.
- Explore and experiment with a range of materials.
- Record from observation including taking photographic images.
- Experiment and develop ideas through a range of practical and conceptual processes, working towards a final piece showing clearly how you have been informed by the work of contemporary artists, craftspersons, designers and photographers, plus other critical sources such as film, music and literature.
- Present the work in an appropriate context e.g. sketchbook, mounted sheets, virtual folder, website, with an introductory written element.
- Produce a substantial final piece (or pieces) of work.

## **Art & Design: Textiles**

AO1 – Developing ideas

AO2 – Exploring appropriate resources

AO3 – Recording ideas

AO4 – Presentation of response

## **Component 1 Project Portfolio (60%)**

Students will be asked to produce a range of images, artefacts and samples leading into either two dimensional or three dimensional pieces of creative work.

Portfolios will include:

- A selection of thoughtfully presented pieces that demonstrates the breadth and depth of the course of study.
- At least one extended collection of work or project, based on an idea, concept, theme or issue. This should demonstrate the student's ability to sustain work from an initial starting point to a final outcome.
- Evidence of their ability to research and develop ideas and link their work in a meaningful way to relevant critical/contextual materials.

## **Component 2 Externally Set Assignment (40%)**

Students will choose one question from a choice set by AQA. Students must cover all four assessment objectives thoroughly during the examination period.

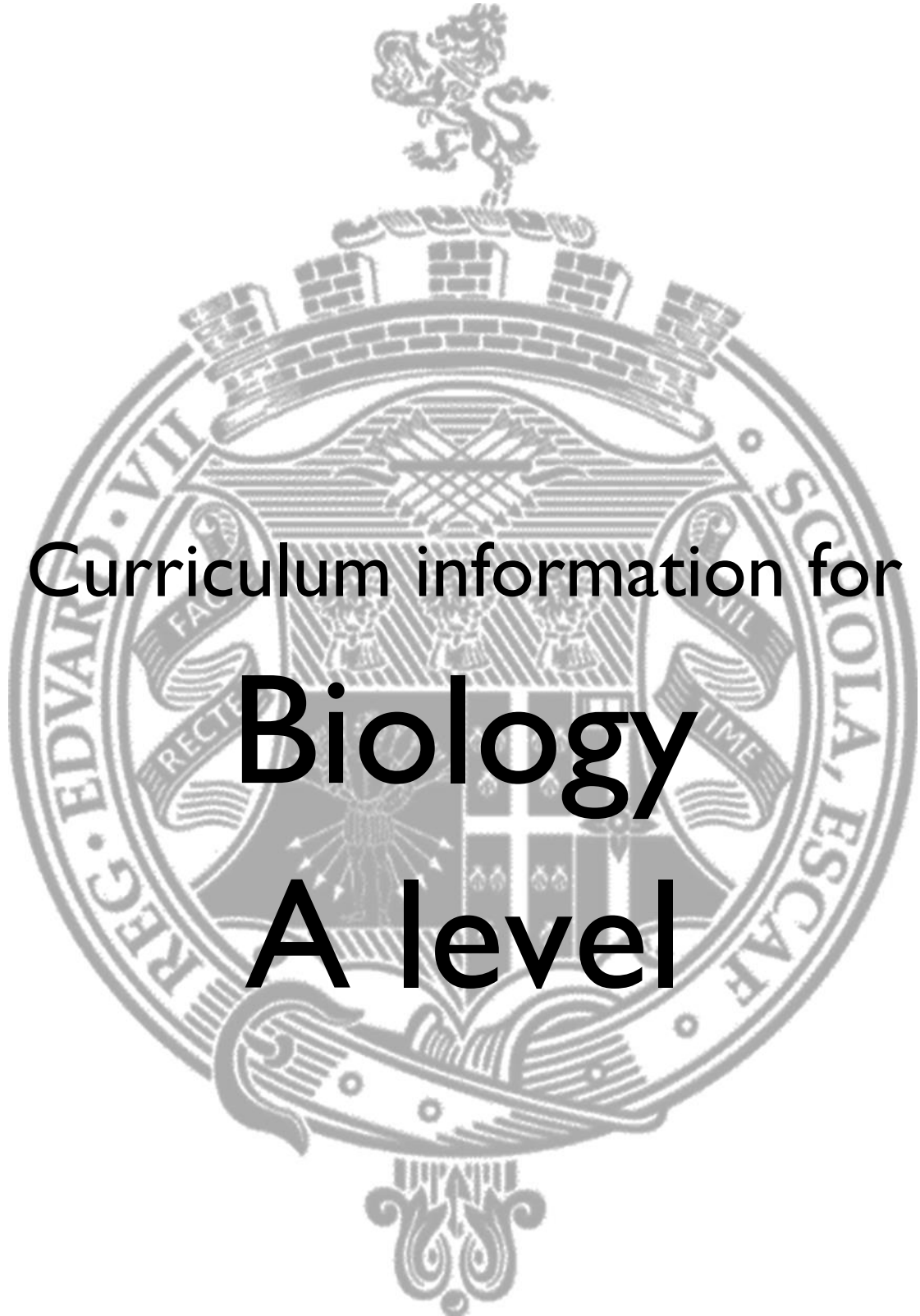
### **Preparatory period – from February 1st**

Preparatory work should be presented in any suitable format, such as mounted sheets, design sheets, sketchbooks, workbooks, journals or models.

### **Supervised examination – 15 hours**

In the 15 hours spread over a week, students must produce a finished outcome or a series of related finished outcomes, informed by their preparatory work.

King Edward VII School



Curriculum information for

# Biology

## A level

# BIOLOGY

This is a two year course which is examined at the end of Year 13.

There is no coursework that contributes to the grade, but there is a separate qualification called a CPAC. This is assessed as a pass or fail by exam boards, and is required for some university courses, but not all.

## Why study A Level Biology?

Biology is an ever-expanding area of research and technology. A qualification in Biology will open up for you many different career opportunities, ranging from work in the community as a doctor, physiotherapist or nurse, to careers in manufacturing or education.

In order to be a successful Biologist you will need a wide range of skills; from interpreting and analysing data, to writing essays.

## What grades do I need to study Biology?

The Biology Advanced level course is both demanding and stimulating. To be accepted onto this course you must have a minimum of two grade 6s in a dual award Science or a 6 in Biology Single Science with a 6 in another science. The new A Level course now contains 25 separate listed mathematical skills which you will be examined on so a **grade 6 in Maths** is required.

## During the first year you will study:

Topic 1- Biological Molecules

Topic 2 – Cells

Topic 3 – Transport and Exchange

Topic 4 – Genetic Information, Variation and Relationships

## During the second year you will study:

Topic 5 – Energy transfers (Photosynthesis and Respiration)

Topic 6 – Response to Changes

Topic 7 – Genetics, Populations, Evolution and Ecosystems

## Topic 8 – The Control of Gene Expression

### **Practical Assessment:**

Coursework or controlled assessments no longer form part of the A Level Biology qualification. Instead, you will complete 12 practicals which will give you a separate practical endorsement that will stand alone from the A Level, known as the CPAC. Some courses such as Medicine and Biomed require the CPAC to be passed in Biology.

However, some of the skills developed in practicals will also be assessed through written questions in the terminal exams.

### **Field Work:**

AQA A Level Biology stipulates that all students complete at least one day's field work. At KES, this is in the form of a day visit to Robin Hoods Bay towards the end of the summer term. Here we also complete Required Practical 12, which is essential to pass your CPAC assessment.

### **Examinations:**

Students will sit three exam papers at the end of their two years of study.

Paper 1 ( 35%) = Topics 1 to 4.

Paper 2 ( 35%) = Topics 5 to 8

Paper 3 ( 30%) = Synoptical ( All units) and practical skills questions



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# King Edward VII School

Curriculum information for

# Business

A level & Level 3 BTEC  
(Extended Certificate)



# **BUSINESS**

This is a two year course with an A level exam taken at the end of Year 13.

## **What do I need to study Business?**

You do not need to have studied Economics and/or Business at GCSE in order to take an Advanced GCE course in the subject.

If you have studied a Business related subject at GCSE you must have attained at least a grade 5.

A grade 5 in both English or English Literature and Maths is required. A grade 6 in Maths will be advantageous as there are a lot of calculations to complete as you study various elements of accountancy. You must be confident manipulating data.

You should have a keen interest in the world of Business and follow news and current affairs closely. Students who do this often go on to be very successful, because applying "theory" to real life occurrences is the best way of grasping the subject matter.

## **This course is designed to:**

- Enable candidates to focus on the dynamic nature of the contemporary Business world.
- Provide opportunities for application of traditional skills such as accounting and finance.
- Offer opportunities for the development and application of a full range of academic skills.
- Explore real Business situations.
- Be practical in the application of Business concepts.

Students are introduced to Business in Themes 1 and 2 through building knowledge of core Business concepts and applying them to business contexts to develop a broad understanding of how businesses work. Breadth and depth of knowledge and understanding, with applications to a wider range of contexts and more complex business information, are developed in Themes 3 and 4, requiring students to take a more strategic view of business opportunities and issues.

## **How is Business assessed? (Pearson Edexcel course)**

### **Paper 1: Marketing, people and global businesses**

This unit enables students to understand how businesses identify opportunities and to explore how businesses focus on developing a competitive advantage through interacting with customers. Students develop an understanding of how businesses need to adapt their marketing to operate in a dynamic business environment. This theme also considers people, exploring how businesses recruit, train, organise and motivate employees, as well as the role of enterprising individuals and leaders.

**Assessment: 2 hour exam**

### **Paper 2: Business activities, decisions and strategy**

This unit enables students to develop an understanding of raising and managing finance, and measuring business performance. The theme outlines the importance of using resources efficiently within a business to ensure that goods or services can be delivered effectively and efficiently, and to a high quality. Students also consider the external influences that have an impact on businesses, including economic and legal factors.

**Assessment: 2 hour exam.**

### **Paper 3: Investigating business in a competitive environment**

This theme moves from functions to strategy, enabling students to develop their understanding of the core concepts and to take a strategic view of business opportunities and issues. Students analyse corporate objectives and strategy against financial and non-financial performance measures and how businesses grow, and develop an understanding of the impact of external influences. The theme covers the causes and effects of change and how businesses mitigate risk and uncertainty.

**Assessment: 2 hour exam.**

## **What can I do with an A level in Business?**

Obviously a career in an established business or starting up a business is the outcome for many learners, but going on to study a business, law, economics or an accounting course is a popular option for many of our past students.

# **BUSINESS Level 3 BTEC**

## **(Extended Certificate)**

Equivalent in size to one A level and UCAS points awarded as with A levels. Assignments, units and final marks will be awarded as: Pass (E), Merit (C), Distinction (A), Distinction\* (A\*).

**This BUSINESS course is specifically aimed at young people wanting to study a related course at university, take up an apprenticeship or career straight after school.**

Local firms and not-for-profit organisations tell us that they need skilled employees with a good business acumen as well as the ability to work well in a team and communicate effectively. This course addresses these needs. This course opens up a wide range of opportunities such as the ability to progress on to a degree in a wide range of subjects such as Business, Marketing, IT, Accountancy, Teaching or Law. Alternatively students could enter employment in various areas of business such as accounts and finance, human resources, local government, logistics, marketing or retailing. Students should also be capable of starting their own business.

It is ideal for students who would enjoy completing regular assignments and project work alongside 2 traditional linear A Levels.

Some possible combinations could be;

- A levels in Spanish and Maths, it could lead to a BSc (Hons) in International Management with Spanish.
- A levels in Computing and Economics, it could lead to an Accountancy Apprenticeship.

## **What will I study?**

Student assessments during the 2 years mainly take the form assignments, case studies and presentations. These will be closely linked to the modern business world. Students learn the necessary skills in finance and maths to equip them to cope with personal and business finance; we all know that money makes the world go around!

### **The units we study are:**

- Unit 1 Exploring Business (3 assignments)
- Unit 2 Developing a Marketing Campaign (pre released case study and 3 hour supervised assessment)
- Unit 3 Personal and Business Finance (exam)
- Unit 27 Work Experience in Business (2 assignments)

### **Work placement (unit 27):**

Work experience is of growing importance, and King Edward VII School values this hugely. Placements will occur in Y13, and it is the intention that students complete work experience for a morning, or afternoon for at least half a term. Students will have tangible work experience, and a non-academic referee to include on their CV, which will make them stand out from their peers.

## **What do I need to study Business BTEC?**

Business BTEC students should have a 4 in English and Maths because of the written demands and a finance based examination. If you have studied a Business related GCSE then a 4 grade is needed or BTEC Level 2 Merit.

## **What resources will I need?**

You will need access to a computer and the internet outside of school. You would also be expected to read quality broadsheet newspapers on a weekly basis (The Times, The Guardian etc) and also watch topical programmes like the BBC News, Newsnight, The Apprentice etc regularly. You will be expected to keep a record of relevant news stories that relate to developments in the world of business.

Case studies will be provided to assist you with an understanding of how businesses operate but it would also be beneficial to create links with other businesses and business people you know to give a 'real life' point of contact to help you with your studies.

## **The Business BTEC Course...**

- Provides young people with a higher-level education based on an industry driven curriculum.
- Allows young people to explore what different Businesses are trying to achieve, and that their objective is not always to increase profit.
- Provides young people with important life skills as personal finance is examined along with business finance. Theoretical knowledge is backed up by a strong emphasis on learning by doing.
- Shows students how to think for themselves; how to problem solve; how to communicate; how to work independently; and how to function successfully as part of a team.
- Provides major links to industry with compulsory work experience.
- Is supported by many top universities - Manchester and Sheffield Universities for example have stated that they will welcome applications from students with the new Level 3 BTEC qualifications, alongside A Levels (A\*-B).
- It is supported by many large employers too – John Lewis, Barclays, the Co-operative Group for example.

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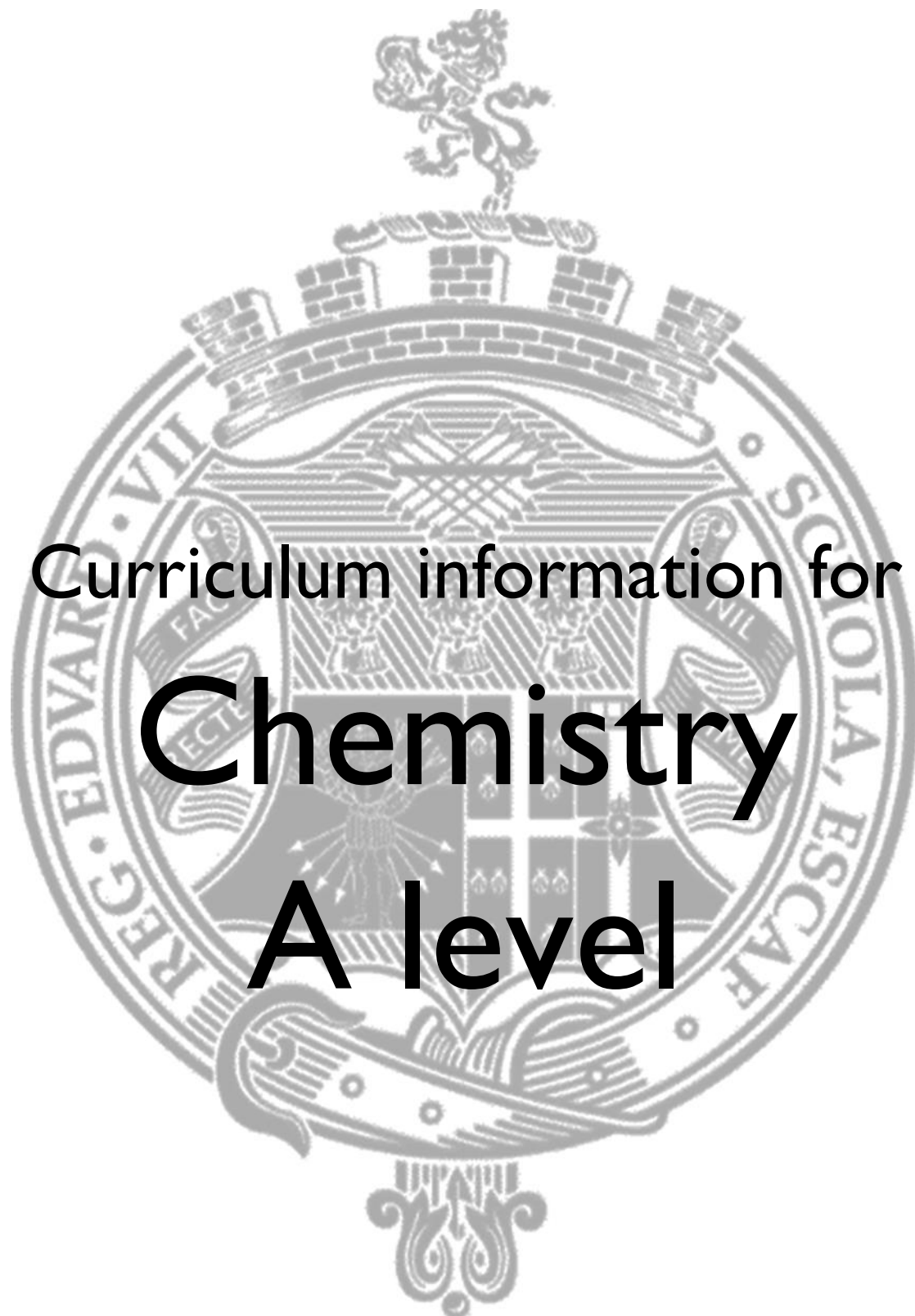
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King Edward VII School



Curriculum information for

**Chemistry**

**A level**

# CHEMISTRY

## What do I need to study Chemistry?

To be accepted onto the course you must have a minimum of a grade 6 in GCSE combined Science or a grade 6 in GCSE Chemistry plus a grade 6 in another science.

**Also a grade 6 in Mathematics.**

## What does the course involve?

Our A level course is a 2 year course based on the OCR specifications for Chemistry A.

## Y12 Content

### Module 1: Development of practical skills in chemistry

- Skills of planning, implementing, analysis and evaluation.

### Module 2: Foundations in chemistry

- Atoms, compounds, molecules and equations.
- Amount of substances.
- Acid-base and redox reactions.
- Electrons, bonding and structure.

### Module 3: The Periodic table and energy

- The periodic table and periodicity
- Group 2 and the halogens.
- Qualitative analysis.
- Enthalpy changes.
- Reaction rates and equilibrium (qualitative).

### Module 4: Core organic chemistry

- Basic concepts.
- Hydrocarbons.
- Alcohols and haloalkanes.
- Organic synthesis.
- Analytical techniques (IR, MS)

# Y13 Content

## **Module 5: Physical chemistry and transition elements.**

- Reaction rates and equilibrium (quantitative).
- pH and buffers.
- Enthalpy, entropy and free energy.
- Redox and electrode potentials.
- Transition elements

## **Module 6: Organic chemistry and analysis.**

- Aromatic chemistry.
- Carbonyls chemistry.
- Carboxylic acids and esters
- Nitrogen compounds.
- Polymers.
- Organic synthesis.
- Chromatography and spectroscopy (NMR).

## How is Chemistry examined?

Periodic table and elements and physical chemistry (01)	37% of the total A level 2 hours 15 minutes written paper 100 marks Candidates answer <b>all</b> questions.
Synthesis and analytical techniques (02)	37% of the total A level 2 hours 15 minutes written paper 100 marks Candidates answer <b>all</b> questions.
Unified chemistry (03)	26% of the total A level 1 hour 30 minutes written paper 70 marks Candidates answer <b>all</b> questions.
Practical endorsement in chemistry (04)	Non exam assessment

## **What will I be able to do with an Advanced Level Qualification in Chemistry?**

Chemistry opens up a world of possibilities and expands your career choices. Chemistry is often called the central science. It links with all the other sciences and underpins many branches of technology from silicon chips to brewing.

Chemistry has something for everybody. Whether or not you want to study after you leave school, there are opportunities to begin a career with Chemistry. Once you have a Chemistry qualification you may be surprised at just how many places you could end up working. Here are some examples:

- Manufacturing Industries including textiles, cosmetics, personal products, pharmaceuticals, food, brewing, detergents and agrochemicals – in research and development, production, waste management and pollution control, quality control, marketing, sales and technical support and general management.
- In the community – as a doctor, dentist, vet or physiotherapist – alternatively, in the pathology and biochemistry laboratories of hospitals, in government and police forensic science laboratories or as a public analyst.
- Commerce – in accountancy, banking, computing, sales and marketing, personnel, publishing and patent law.
- Education – as a teacher or technician in a school, college or university.

Not all chemists wear white coats and work in laboratories. The range of jobs available to someone with a chemistry qualification is greater than for most other qualifications. Many employers recognise the value of training in logical thought, problem solving and in numerical and communication skills that forms an integral part of all chemistry courses.

If you are thinking of university, chemistry is a good choice of subject to study at A2 level. It is listed as a preferred subject for more degree subjects than any other subject. For example:

Course	Place of Chemistry in the preferred subject list
CHEMICAL SCIENCE Biochemistry, Chemistry, Environmental Chemistry, Marine Chemistry, Medical and Pharmaceutical Chemistry, Colour Chemistry	First
AGRICULTURE – FOOD SCIENCE Agriculture, Food Science, Soil Science, Animal Science, Crop Protection, Forestry	First
BIOLOGICAL SCIENCE Biology, Food Science, Marine Biology, Ecology, Botany, Zoology, Animal and Plant Biology	Second
MEDICINE, DENTISTRY, VETERINARY SCIENCE	First
MEDICAL SCIENCE Pharmacy, Toxicology, Pharmacology	First
ANATOMY, PHYSIOLOGY Anatomy, Pathology, Physiology, Neuroscience	First
CHEMICAL ENGINEERING	First



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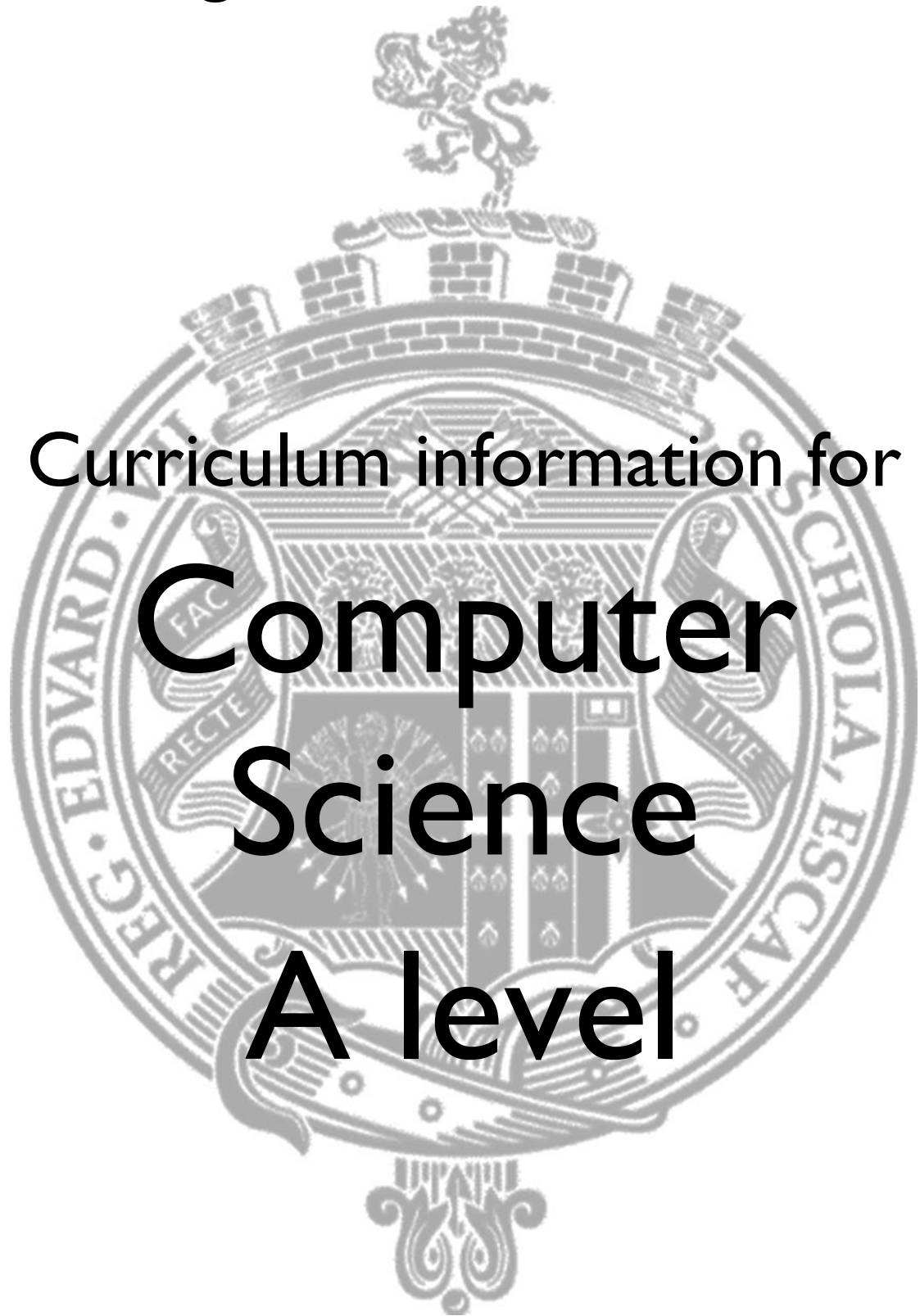
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Curriculum information for

**Computer  
Science  
A level**

# COMPUTER SCIENCE

## What do I need to study Computer Science?

1. The course is taught by subject specialists.
2. You will require a grade 5 in Maths and 5s in Sciences (Physics in particular).
3. Candidates will have been assessed in Computer Science skills at Key Stage 3 and many will have followed a course in Computer Science at Key Stage 4. Whilst **not** assuming the full knowledge and understanding of the subject at Key Stage 4, these specifications assume that all candidates will have a basic understanding and knowledge of Computer Systems, Algorithms and Binary Logic.
4. There are two examinations in Year 13 and a Programming Project to complete.
5. Students are expected to use at least an equal amount of their own time to complete independent work, programming and research

## What will I study?

Advanced GCE in Computer Science

A' Level - Unit 01: Computer Systems – Externally Assessed – 40%

A' Level - Unit 02: Algorithms and Programming – Externally Assessed – 40%

A' Level - Unit 03: Programming Project – Internally Assessed (Coursework) – 20%

The qualification encourages candidates to develop their knowledge and understanding of computer systems, the principles of computing (including programming) and how these are applied to the solution of problems. Additionally, the specification encourages candidates to gain an understanding of systematic methods – such as the use of algorithms and test strategies, the maintenance of computer systems, and the skills associated with documenting solutions – and encourages candidates to further develop skills associated with applying this knowledge and understanding to producing computer-based solutions to real problems.

## **GCE in Computer Science**

### **Unit 01 – Areas of Study**

#### **The characteristics of contemporary computer systems:**

Input, output, process and the components of a computer system

#### **Software and software development:**

Types of software and the methodologies used to develop them

#### **Exchanging data:**

How data is exchanged between different systems

#### **Data types, data structures and algorithms**

How data is represented and stored in different structures and the use of different algorithms

#### **Legal, moral, cultural and ethical issues**

Laws surrounding the use and ethical issues that can arise from the use of computers

### **Unit 02 – Areas of Study**

#### **Elements of computational thinking**

What is meant by computational thinking; abstractly, logically, procedurally and concurrently

#### **Problem solving and programming**

How computers are used to solve problems and programs can be written to solve them

#### **Algorithms**

The use of algorithms to describe problems and standard algorithms

### **Unit 03 – Programming Project**

Candidates select their own user-driven problem of an appropriate size and complexity to solve. This will enable them to demonstrate the skills and knowledge necessary to meet the Assessment Objectives. Analysis of the problem. Design of the solution. Implementation of the solution. Testing and Evaluation of the solution. The project will be completed using an iterative (Agile) process to mimic as close as possible real life problems and solutions.

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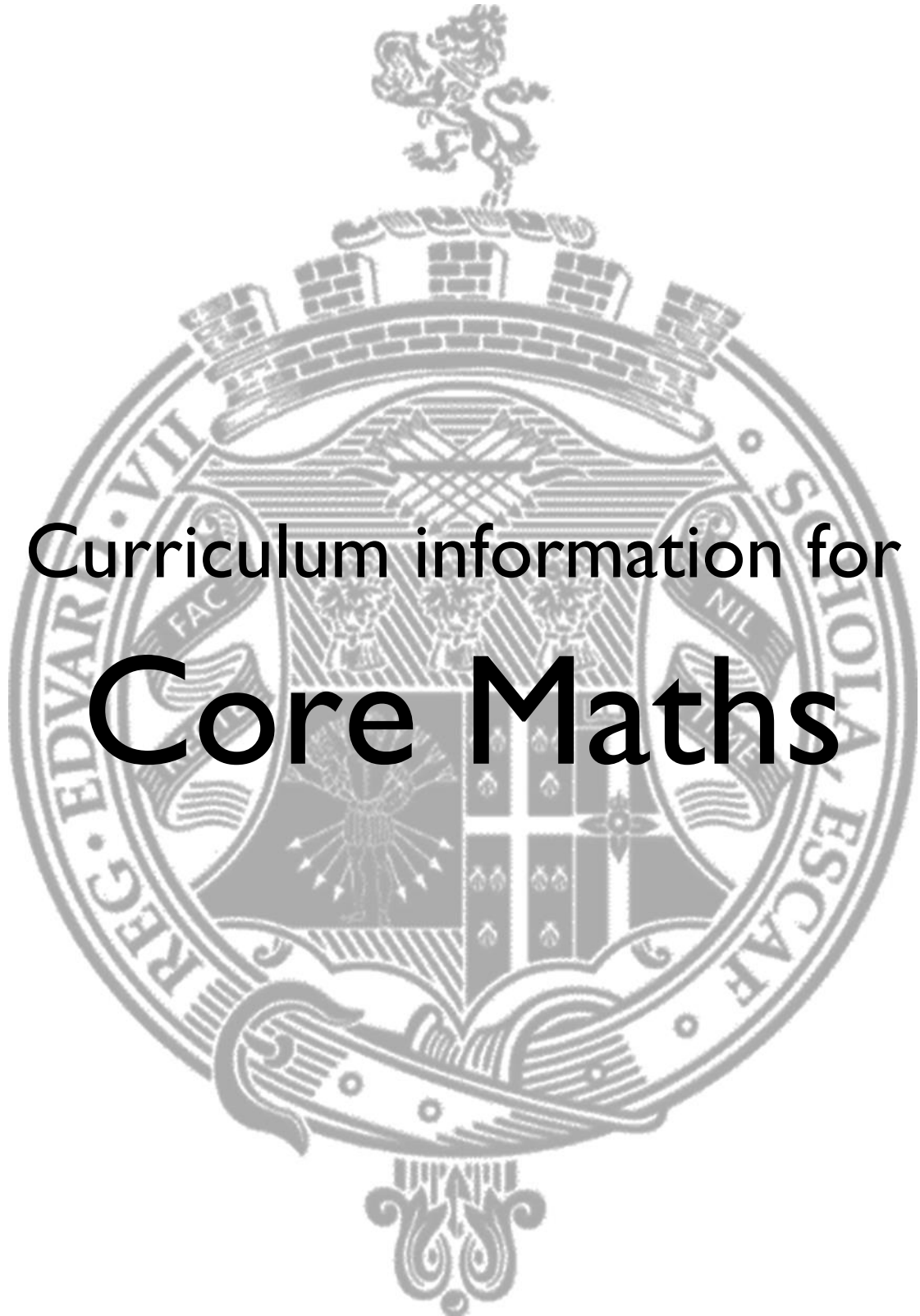
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# King Edward VII School



## Curriculum information for **Core Maths**

# CORE MATHS

We follow the OCR-MEI Core Maths Specification "Core Maths A (MEI) Level 3 Certificate - H868". The examinations will be taken at the end of year 12 and is equivalent in size (and UCAS points) to an AS level.

## **Why should I study Core Maths?**

Core Maths will help you understand and apply clear, mathematical reasoning to real-life problems, analyse and interpret data in various contexts and confidently deal with everyday financial maths.

These practical mathematical skills will also help you with your other A-Level subjects, in particular with Sciences, Geography, Business Studies, Psychology, and Economics.

## **What is Core Maths?**

Core Maths is designed for post-16 students who want to continue studying mathematics but not at AS or A-Level. The Core Maths qualification will help you retain, deepen and extend your mathematics to be better prepared for higher education and employment. The qualification merits UCAS points the same as an AS Level.

Core Maths qualifications are a relatively new qualification and universities are starting to see the benefit of students continuing with their mathematical studies Post-16, even if they are not taking the Maths A-Level.

## **What do I need to study Core Maths?**

You will need at least a grade 4 or above in Mathematics at GCSE.

You should have an interest in deepening and strengthening your ability to use mathematics and statistics to understand the world around you.

## **What does the course involve?**

Core Maths is a one year course. The course will be taught in Year 12 with two exams at the end of the year.

There is no coursework although there will be regular homework and assignments to ensure that you are keeping on track with the course.

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King Edward VII School



Curriculum information for  
**Design and Technology:**  
**Product Design**  
**A level**

# DESIGN & TECHNOLOGY: PRODUCT DESIGN

This is a two year course with 50% non-exam assessment through a single substantial design and make task and 50% examined over 2 papers at the end of Year 13.

The **Design and Technology: Product Design** specification accommodates exclusive use of resistant materials and CAD/CAM manufacturing processes. Some Level 3 Engineering students will be studying Product Design A level as a compliment to King Edward's BTEC Engineering course.

## What do I need to study Product Design?

You will ideally require a grade 5 in a Design & Technology subject or Grade 5 in Art or pass grade in Level 2 BTEC Engineering would also be useful. All applicants are encouraged to ask as **we will never penalise a student** who has not had chance to study a creative subject at GCSE level.

## What does the course involve?

- Imaginative practical work is at the heart. Students will develop intellectual curiosity about the design and manufacture of products. They will explore, design, create and evaluate innovative solutions in response to realistic design contexts.
- Students will develop knowledge and understanding of the core technical, designing and making principles for product design.

## Structure of the course: Please see table overleaf

- 50% exam (maths and science contribute 15%) with two papers for A-level.
- 50% non-exam assessment (NEA) for A-level.
- Non-exam assessment (NEA) consists of a single design and make activity for A-level.
- A-level students are free to choose their design context.

## What will I be able to do with an A Level in Design & Technology: Product Design?

We know from the clamour for qualified and able students that employers set great store by transferable problem solving skills and the ability to think 'out of the box'. Students have gone on to a range of design related courses including Product Design, Ergonomic Design and Architectural Technician courses as well as Engineering Apprenticeships.

We are excited by this new Specification and have invested in these changes, not least in ICT provision.

The Specifications are linear which means the students sit the exam at the end of the course. There will be 3 opportunities to practice with end of year mock exams to check progress.

## A-level

Paper 1	+	Paper 2
<b>What's assessed</b> <ul style="list-style-type: none"> <li>• Technical principles</li> <li>• Designing and making principles</li> <li>• Specialist knowledge</li> </ul>		<b>What's assessed</b> <ul style="list-style-type: none"> <li>• Technical principles</li> <li>• Designing and making principles</li> <li>• Specialist knowledge</li> </ul>
<b>How it's assessed</b> <ul style="list-style-type: none"> <li>• Written exam: 2 hours</li> <li>• 100 marks</li> <li>• 25 % of A-level</li> </ul>		<b>How it's assessed</b> <ul style="list-style-type: none"> <li>• Written exam: 2 hours</li> <li>• 100 marks</li> <li>• 25 % of A-level</li> </ul>
<b>Questions</b> Mixture of short answer, multiple choice and extended response questions.		<b>Questions</b> <b>Section A: Product analysis</b> <ul style="list-style-type: none"> <li>• 40 marks available.</li> <li>• Up to six short answer questions based on visual stimulus of product(s).</li> </ul> <b>Section B: Commercial manufacture</b> <ul style="list-style-type: none"> <li>• 60 marks.</li> <li>• Two extended response questions worth a total of 30 marks each.</li> </ul>

+

Non-exam assessment (NEA)
<b>What's assessed</b> Practical application of: <ul style="list-style-type: none"> <li>• Technical principles</li> <li>• Designing and making principles</li> <li>• Specialist knowledge</li> </ul>
<b>How it's assessed</b> <ul style="list-style-type: none"> <li>• Single substantial design and make task</li> <li>• 100 marks</li> <li>• 50 % of A-level</li> <li>• Approximately 40 hours in duration</li> <li>• Written or electronic portfolio with photographic evidence of final outcome</li> <li>• Assessment criteria to include:               <ul style="list-style-type: none"> <li>• exploration</li> <li>• designing</li> <li>• making</li> <li>• analysis and evaluation.</li> </ul> </li> </ul> <p>The above will be assessed in a holistic way.</p>
<b>Task(s)</b> Students will undertake a substantial design and make task and produce a final prototype. The context of the task will be determined by the student.

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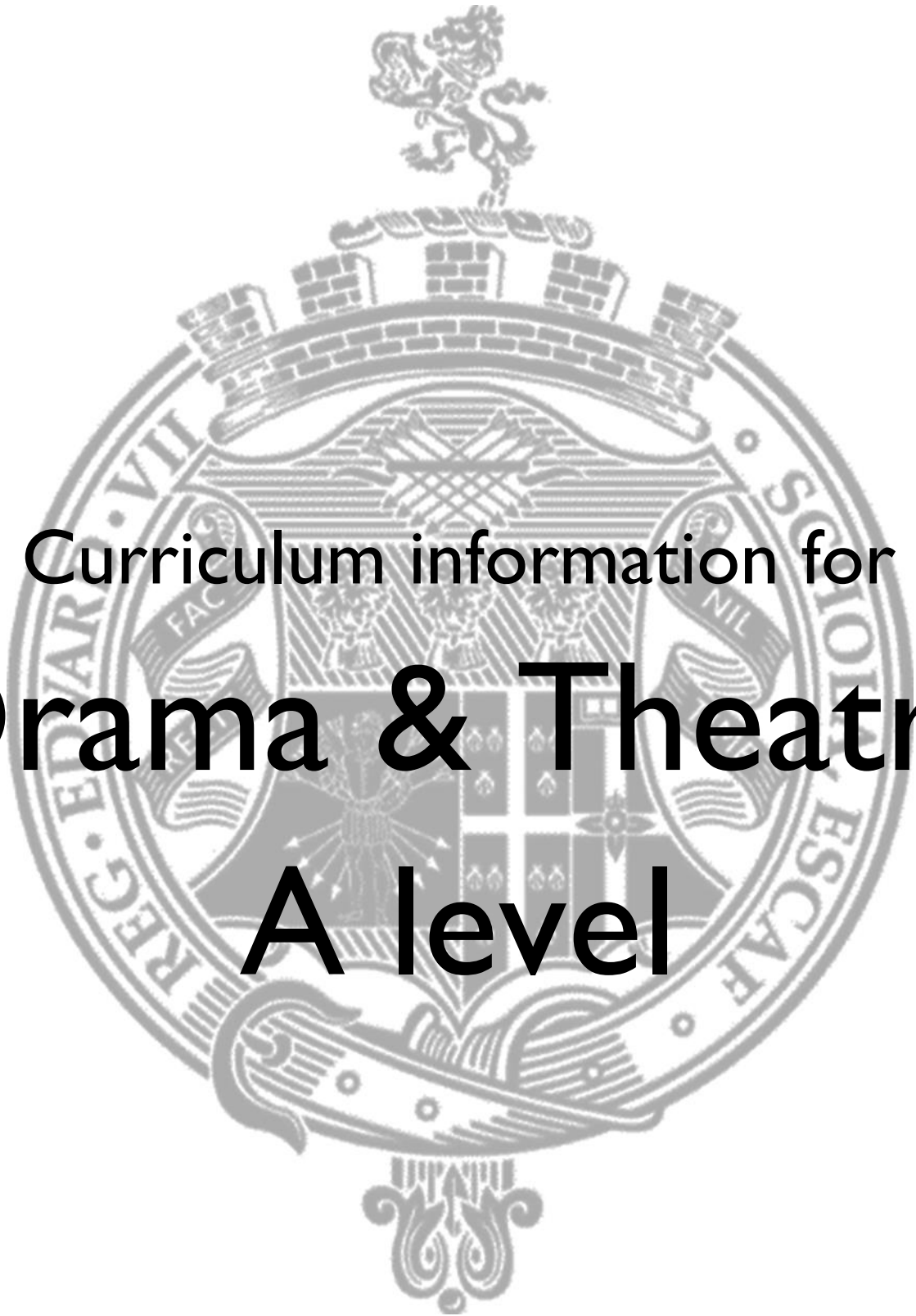
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King Edward VII School

Curriculum information for

# Drama & Theatre

## A level



# DRAMA AND THEATRE STUDIES

To do A Level Drama, you need to have a GCSE or BTEC in Drama or Performing Arts. In circumstances where you were not able to take a GCSE/BTEC in Drama, experience in performance or the theatre outside of school may be acceptable, you will need to talk to us about this before you can be accepted onto the course, but we do have students on the course in this situation every year. You should also have a Grade 5 or higher in English or English Literature at GCSE. (We can discuss this further if you have a Grade 4).

## What does the course involve?

**This is a two year A Level course** that has a performance, practice first based approach to all aspects of the course.

Over the two years you will explore the rehearsal and performance techniques of a range of theatre practitioners: directors, writers, devisors, actors, designers and companies in order to prepare you for your practical assessments and to help you develop a deep knowledge and understanding of the work of professional theatre makers and performers.

You will produce two practical performances. For the first performance, you will work in a group to devise an original piece of drama from a stimulus, using the techniques of one of the practitioners you have studied. For the second performance you will explore through practical workshops three extracts from three contrasting plays one of which you will choose to perform in front of a live audience. These practical explorations and performances will need to show the clear influence of a different practitioner.

You will study, using a practical, performance-based approach, two plays from a performance, design and analytical perspective. You will explore the dramatic, social and historical context of the plays, experiment with a range of dramatic interpretations, using a variety of theatre conventions and learn how to write about your ideas for performing and interpreting these plays. You will go to see and review live theatre performances and will use what you have seen to inform your own practice.

It is vital that you can commit to rehearsal schedules for practical units that could be after-school, in your free lessons or at lunchtimes. These will always be in agreement with other students in your group and with teaching staff.

The aim of the course is for you to become expert, imaginative and original makers and creators of **Theatre and Drama**.

## **How is Drama examined?**

### **PRACTICAL ASSESSMENTS – 60% OF TOTAL MARK.**

The performance element of the course is worth 60% and involves two performances in front of a live audience (30%) and two pieces of writing submitted alongside the practical work (30%). The performance of your original piece of theatre is marked by your teachers and then a recording is sent to the exam board to be moderated along with your written work. The performance of your extract from a play is marked by a visiting examiner.

### **WRITTEN EXAM – 40% OF TOTAL MARK**

You have **one 3 hour** written examination (40%) in **June of Y13** which will focus on the two set texts and review of live Theatre. You will write about your **practical**, theatrical understanding and interpretation of the texts and the plays you have seen.

## **What will I be able to do with an A Level in Drama and Theatre?**

We follow the AQA course because universities respect it as a fully demanding academic A Level. Many of our students study Drama at university or go on to train as actors but our students have also used their outstanding grades in their Drama A Level to gain admission to a wide range of courses such as English Literature, English Language, MFL courses, Law, Geography, Health and Social Care, Fashion, Fine Art, Education, Psychology and History. All Universities, including the Russell Group, accept Drama and Theatre as a valuable A Level for any degree. One of our students is currently at Cambridge studying History, with their A\* in Drama being part of their conditional offer. You may want to consider that if most of your A Levels are in non-Arts subjects, your success in Drama and Theatre will demonstrate your impressive versatility, creativity and individuality to universities and future employers.

**King Edward VII - Upper School**

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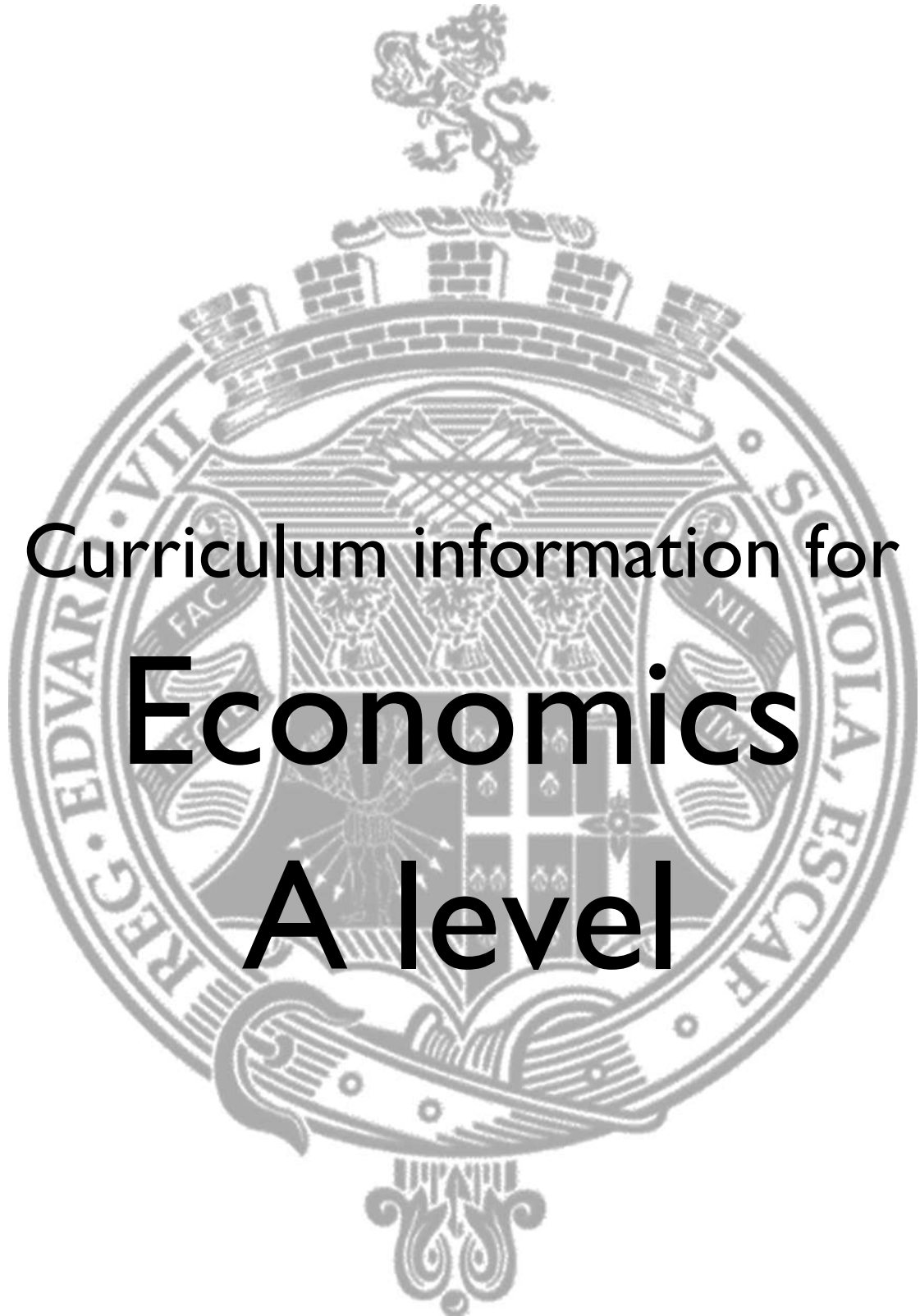
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King Edward VII School



Curriculum information for

**Economics**

**A level**

# ECONOMICS

## What do I need to study Economics?

You do not need to have studied Economics and/or Business at GCSE in order to take an A Level course in the subject.

If you have studied a business related subject at GCSE you must have achieved at least a grade 5.

## A grade 5 in English or English Literature AND a grade 5 in Maths is required.

It is vital that you have a keen interest in economic and political affairs and a desire to explore why and how the study of Economics contributes to an understanding of the modern world. The Economics A level course is very challenging and requires much in the way of personal study. It is however, a very rewarding subject which provides students with an excellent foundation in a traditional academic subject. Economics is recognised by the Russell Group as a **hard** subject, but is not listed as a facilitating subject because not many schools and colleges teach it.

The course will appeal to students who:

- Enjoy studying a subject that affects their own everyday lives. The American phrase "It's the economy, stupid" comes to mind.
- Want to keep their options open – Economics can be combined with a wide range of science, social science and humanities subjects.
- Have completed a GCSE course in Economics and wish to further their study.
- Wish to pursue a career as an economist or in a economics-related profession.
- Are pursuing languages/science A level courses – Economics deals with an ever growing range of global issues.

## What does the course involve?

- How to develop an understanding of economic concepts and theories through a critical consideration of current economic issues, problems and institutions that affect everyday life.
- How to apply economic concepts and theories in a range of contexts and to appreciate their value and limitations in explaining real-world phenomena.
- How to analyse, explain and evaluate the strengths and weaknesses of the market economy and the role of government within.
- How to participate effectively in society as a citizen, producer and consumer.

## **How is Economics assessed? (Pearson Edexcel course)**

### **Unit 1 – Markets and Business Behaviour**

Introduces and develops economics and examines how the price mechanism allocates resources in markets. It analyses the nature of market failure. Students should be able to apply supply and demand analysis to real-world situations; to understand why markets might not allocate resources efficiently and the methods of dealing with market failure, together with an evaluation of their effectiveness. Industrial models will also be covered, ranging from Perfect Competition to Monopoly markets.

**Assessment: 2 hour paper**

### **Unit 2 – National and Global Economy**

Introduces and develops the key measures of economic performance and the main objectives and instruments of economic policy. Students should be able to use a range of economic models to understand why demand and/or supply side policies may be seen as appropriate ways of managing an economy; predict the possible impact of such policies and to recognise the assumptions involved. Students will need to contextualise the UK in the global market, understanding the movement in global powers.

**Assessment: 2 hour paper**

### **Unit 3 Microeconomic and Macroeconomic Paper**

This paper will be made up of topics from the entire course.

**Assessment: 2 hour paper**

## **What can I do with an A level in Economics?**

Students with AS or Advanced GCE Economics have access to a wide range of possible career and higher education opportunities. You learn and use a variety of transferable skills throughout the course. These include:

- Collecting and analysing economic information from different sources.
- Development of written communication skills.
- Development of excellent problem-solving and evaluation skills.

These skills are in great demand and are recognised by employers, universities and colleges as being of great value. Economics combines well with a range of social science and humanities subjects to lead to University courses in such areas as law, accounting, politics business and, of course economics.

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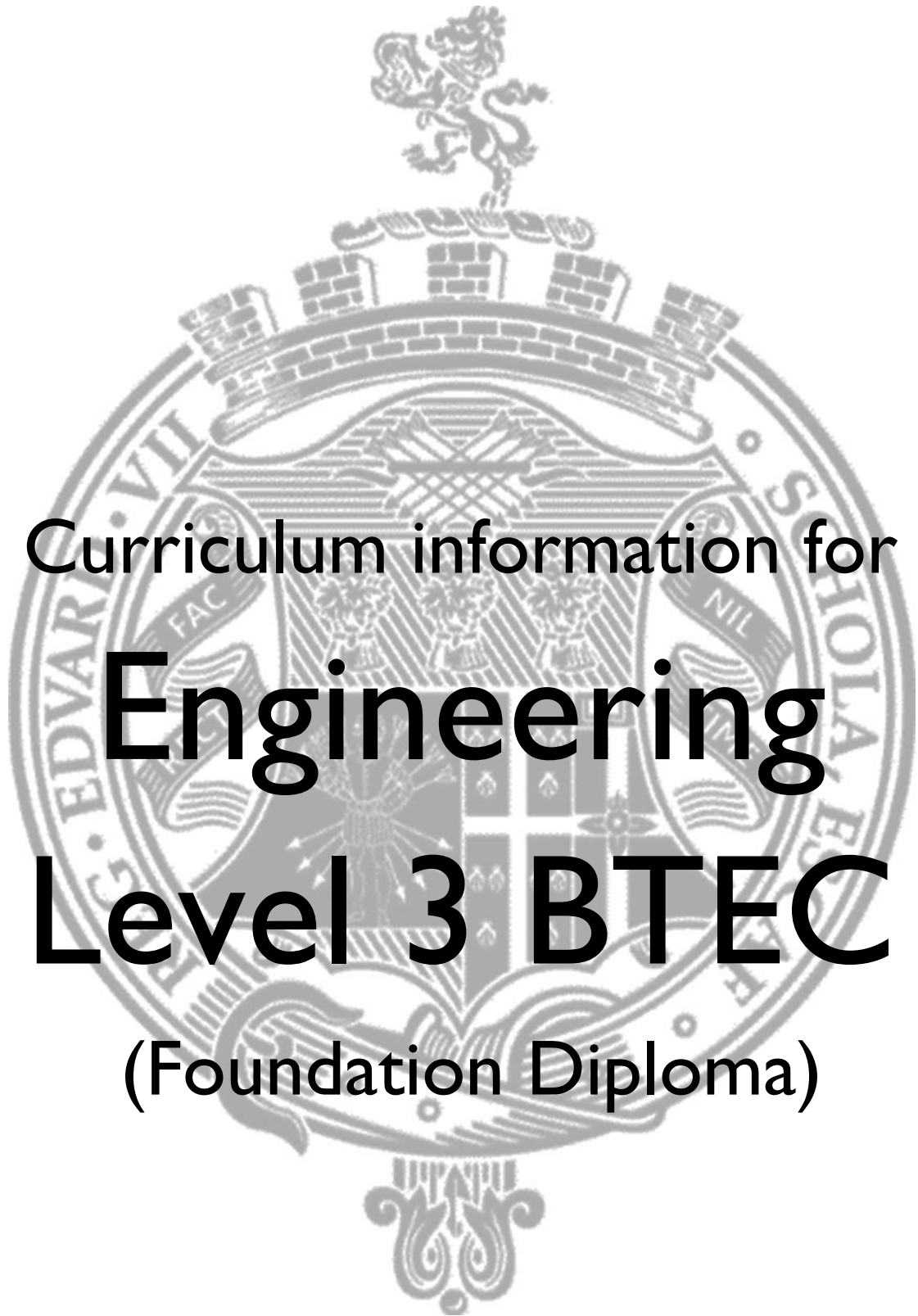
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Curriculum information for

# Engineering Level 3 BTEC

(Foundation Diploma)

# **ENGINEERING Level 3 BTEC (Foundation Diploma)**

This qualification is worth 1.5 A Levels. It consists of 60% coursework assignments and 40% externally examined units). Assignments, units and final marks will be graded as Pass (E), Merit (C), Distinction (A) or Distinction\* (A\*).

**This ENGINEERING course is specifically aimed at young people wanting to study Engineering at university or take up an apprenticeship or a degree apprenticeship career in Engineering.**

Local engineering employers tell us that they need skilled employees with a good technical knowledge as well as the ability to work well in a team and communicate effectively. This course addresses these needs.

It is ideal for students who would enjoy more practical and project work than they would experience studying 3 A Levels.

Depending on ability, students will study either ONE or TWO A Levels with the new **Level 3 Engineering BTEC (National Foundation Diploma - 540 hours - 7 UNITS)**. They will also complete the Extended Project Qualification in Year 13 worth 0.5 of an A Level. Students NOT taking Maths A Level will be asked to take Core Maths (worth 0.4 of an A Level) over 2 years.

Students will leave the course with the equivalent of 4, 3.5 or 3 A Levels.

## **What will I study?**

### **Example student 1 (mainly 7s and 6s at GCSE)**

#### **TWO A LEVELS**

- **Maths and**
- one of...**Product Design, Physics, Chemistry, Business, Computing (and others)**

#### **AND**

- **Engineering (7 units—worth 1.5 A Levels)**

Student assignments during the 2 years mainly take the form of practical project work, case studies and presentations and are closely linked to the modern engineering industry but 2 of the compulsory units will be externally examined. There will be several site visits to engineering companies. Students learn the necessary skills in science and maths to equip them to be successful engineers and to access higher level courses.

#### **The units we study are:**

Unit 1 Engineering Principles (exam)

Unit 2 Delivery of Engineering Processes Safely as a Team

Unit 3 Engineering Product Design and Manufacture (extended exam from a brief)

Unit 4 Applied Commercial and Quality Principles in Engineering

Unit 10 Computer Aided Design in Engineering

Unit 19 Electronic Devices and Circuits

Unit 35 Computer Programming

## **Example student 2 (mainly 5s and 4s at GCSE)**

### **ONE A LEVEL**

- **Product Design, Business or Computing**

### **AND**

- **Engineering BTEC (7 units—worth 1.5 A Levels)**

See the 7 unit titles listed above.

### **AND**

**Core Maths in one year (worth 0.4 A Level)**

### **AND**

**Edexcel's Project qualification (worth 0.5 A Levels) in Year 13**

Students will work in school on an Engineering based project in Year 13 that can be a case study, essay or more likely an artefact (a redesigned and improved product or even a new invention). Students have access to the facilities at Sheffield Hallam University as well as extra tutorial support. This project is worth 0.5 of an A Level and is initially assessed in school. Many students have achieved A\* (and 70 UCAS points) grades in the last 3 years.

### **Work placement**

If students wish to arrange a 2 week Engineering work placement at a convenient point in the course the school will support this. It can be useful when applying for courses or obtaining apprenticeships.



## **What do I need to study Engineering ?**

Students who have a Grade 6 in GCSE Maths will be eligible to study A Level Maths (preferred by most universities). Additionally students wishing to study A Level Sciences should have a grade 6 or better in Science GCSEs.

To enter the sixth form 5 good pass grade GCSEs (or relevant equivalent qualifications) are required **including at least Grade 4 in English and grade 5 in Maths and Sciences**. A grade 5 in a Design & Technology subject or a Pass grade in a BTEC Level 2 Engineering.

## **The Engineering Course...**

- Provides young people with a higher-level education based on an engineering industry driven curriculum.
- Allows young people to explore what engineering is about and examine the different opportunities it has to offer – without restricting their future education or career choices.
- Provides young people with important life skills as well as a foundation in engineering principles. Theoretical knowledge is backed up by a strong emphasis on learning by doing.
- Shows students learn how to think for themselves; how to problem solve; how to communicate; how to work independently; and how to function successfully as part of a team.
- Provides several industrial visits and real life projects linked to industry.
- Is supported by many top universities - Manchester and Sheffield Universities for example have stated that they will welcome applications from students with the new Level 3 BTEC Engineering qualifications, alongside A Level Maths (A\*-B).

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Curriculum information for  
**English Language**  
**A Level**

# ENGLISH LANGUAGE

## What is A Level Language?

A level Language is very different to what you know from GCSE English Language. You will learn about the language you use and read every day – how it is structured and adapted by its users. We also focus on what research can tell us about how language might be affected by the way a person wants to project an image of themselves, by their status, gender, interests or because of where they live.

## What do I need to study A Level English Language?

You will have gained grade 6 or above in English Language and grade 5 in English Literature. You will be someone who finds reading rewarding and reads widely and independently outside of school. You will also be somebody who enjoys analysing language and has a genuine curiosity about the meanings behind texts.

## What does the course involve?

- Textual Variations and Representations – How is language used to create meanings?
- Children's Language Development – How do children learn to speak, read and write?
- Language Diversity and Change – How can language differ amongst individuals, between groups or over time?
- Language Discourses – What different viewpoints are held about language?
- Writing skills – How can we communicate ideas about language to non-specialist readers?
- Language Investigation – What would I like to investigate about language?
- Original writing – How can I adapt genre conventions and my language choices to challenge and engage my reader?

This will include the analysis and comparison of spoken texts. We will also teach you how to formulate a clear argument in discursive and evaluative essays. You will analyse how texts use language to present ideas, attitudes and opinions. For the coursework, you will produce a piece of original writing and commentary in Year 12,

(1,500 in total) and a language investigation in Year 13 (2,000 words excluding data).

### **How is it examined?**

Paper 1: Language, the Individual and Society. 2 ½ hours. 40% of A-Level.

Paper 2: Language Diversity and Change. 2 ½ hours. 40% of A-Level.

Coursework: Language in Action. 20% of A-Level.

### **What will I be able to do?**

A qualification in this subject is valuable for any university Arts, Social Sciences, Linguistics or Humanities degree course. If you want to include English Literature in university study, you should also follow an A level course in Literature.

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# King Edward VII School



Curriculum information for  
**English Language**  
**(GCSE RESIT)**



# English Language (GCSE RESIT)

## What is needed to study GCSE English Language (Resit)?

If you have not achieved a Grade 4 in GCSE English Language you will need to resit. Grade 5 or 6 may be required to access certain jobs or academic courses in the future. So you may also choose to resit if you gained a 4 or 5 grade. Students resitting GCSE English (2 hours a week) will also be asked to take the Extended Project Qualification (EPQ – 2 hours a week). This can be certificated at Level 2 (GCSE) or Level 3 which is worth 0.5 of a full A Level. The EPQ will help students develop academic writing and independent study skills - which will support you in your BTEC or A Level studies.

## What does the course involve?

The GCSE English Language (Resit) group will be studying the AQA GCSE English Language specification (8700) – it is a unified entry qualification (Grades 1-9) and is the same one as KES uses for KS4 students.

The course covers the key areas of:

**Reading**, Comprehension, Analysis, **Writing**, Creativity and Technical Accuracy.

The exams will test your ability to:

- Read and analyse both fiction and non-fiction texts
- Create and edit both fictional and non-fictional texts
- Compare and analyse language use across time, genre and purpose

## **How is GCSE English Language (Resit) Assessed?**

There are two exam papers, all of which need to be taken in the same 'session', usually separated by a few days. There are exam 'sessions' in November and June of Year 12. If you do not get the grade you are hoping for in Year 12, you can re-join the group in Year 13.

We will discuss with you when to sit the exams and entries will be made on a case-by-case basis. If you did not do AQA GCSE English Language it is very unlikely that you will be ready for the exam before the June session.

## **What will I be able to do with GCSE English Language (Resit)?**

A 'good' pass at GCSE is essential for many jobs and most courses of Higher Education.

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King Edward VII School

Curriculum information for

# English Literature A Level (OCR)



# ENGLISH LITERATURE

## What do I need to study A Level English Literature?

You will have gained grade 6 or above in English Literature and a grade 5 in English Language. You will be someone who finds reading rewarding and reads widely and independently outside of school. You will also be somebody who enjoys analysing language and the meanings behind texts across the literary genres (poetry, prose, drama), and from different time periods.

## What does the course involve?

- A study of Literary Genre: Gothic
- Study of Shakespeare
- Study of Literature Across Time (pre-1900; post-1900)
- Study of Literary Criticism
- Coursework in response to Critical Theory on a self-chosen theme
- Study in preparation for an Unseen Text in the examination

This will include... the study of **at least nine texts** across the two years, and the writing of critical and analytical essays about these texts individually and comparatively. The course will also include preparation for the more individualised coursework element where two essays will be produced of between 2500-3000 words in total.

## How is it examined?

Paper 1: Shakespeare and Pre-1900s Texts (2 ½ hours; 40% of A-Level)

Paper 2: Comparative and Contextual Study: The Gothic (2 ½ hours; 40% of A-Level)

Coursework: Post-1900 Literature (independent assignments)

## **What will I be able to do?**

A qualification in this subject is valuable for any university Arts, Social Sciences, Linguistics or Humanities degree course. If you want to follow an English Studies course at university, it is recommended that you also complete an A-level course in Language.

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Curriculum information for

# Extended Project Qualification





# **EXTENDED PROJECT QUALIFICATION**

In Year 12 and in Year 13 the EPQ will be available to all students as an independent piece of work undertaken with the support of a project supervisor (a teacher). The course normally starts in the late autumn once you have settled into your Sixth Form studies. The completed project will need to be submitted by the spring term in Y13.

The Extended Project Qualification will help students learn and develop essential skills to help them succeed in their A Levels or BTECs. The study of academic writing and research will also support Level 3 study.

## **What is needed to study the EPQ?**

You need to be able to identify a topic you wish to develop into a project, sustain that interest for a year, undertake independent research, take responsibility for your own learning and realise the goal you have set yourself.

## **What does the course involve?**

There is a taught element of core independent learning skills such as project management, research skills and academic referencing which you will not be examined on but need to be applied to your project.

There are then two options:

1. A 5,000 word written report on a topic of your choosing.
2. An 'artefact' with a 1,000 word written report explaining your research and method of production.

Both options also include the completion of a production log reflecting on the whole of the EPQ process and an end of project presentation. These are compulsory elements.

## **How is the EPQ assessed?**

The completed project, production log and presentation is marked as a whole internally before marks are sent to the exam board for verification. Grades A\*-E are available. The EPQ is worth half an A Level (attracting UCAS points - eg Grade A = 24 points).

## **What will I be able to do with an EPQ?**

To universities, the EPQ demonstrates the necessary academic skills, project management and sustained interest in a topic required by undergraduates. Some universities will make offers with lower A Level grades to students with a relevant EPQ. For students not wishing to go to university the EPQ offers an opportunity to develop other skills and interests which could be of use after leaving school, for example previous projects by KES students have involved setting up a record label, curating an art exhibition and developing iron working skills. The skills you choose to develop will depend on what your own interests and plans are for your future.

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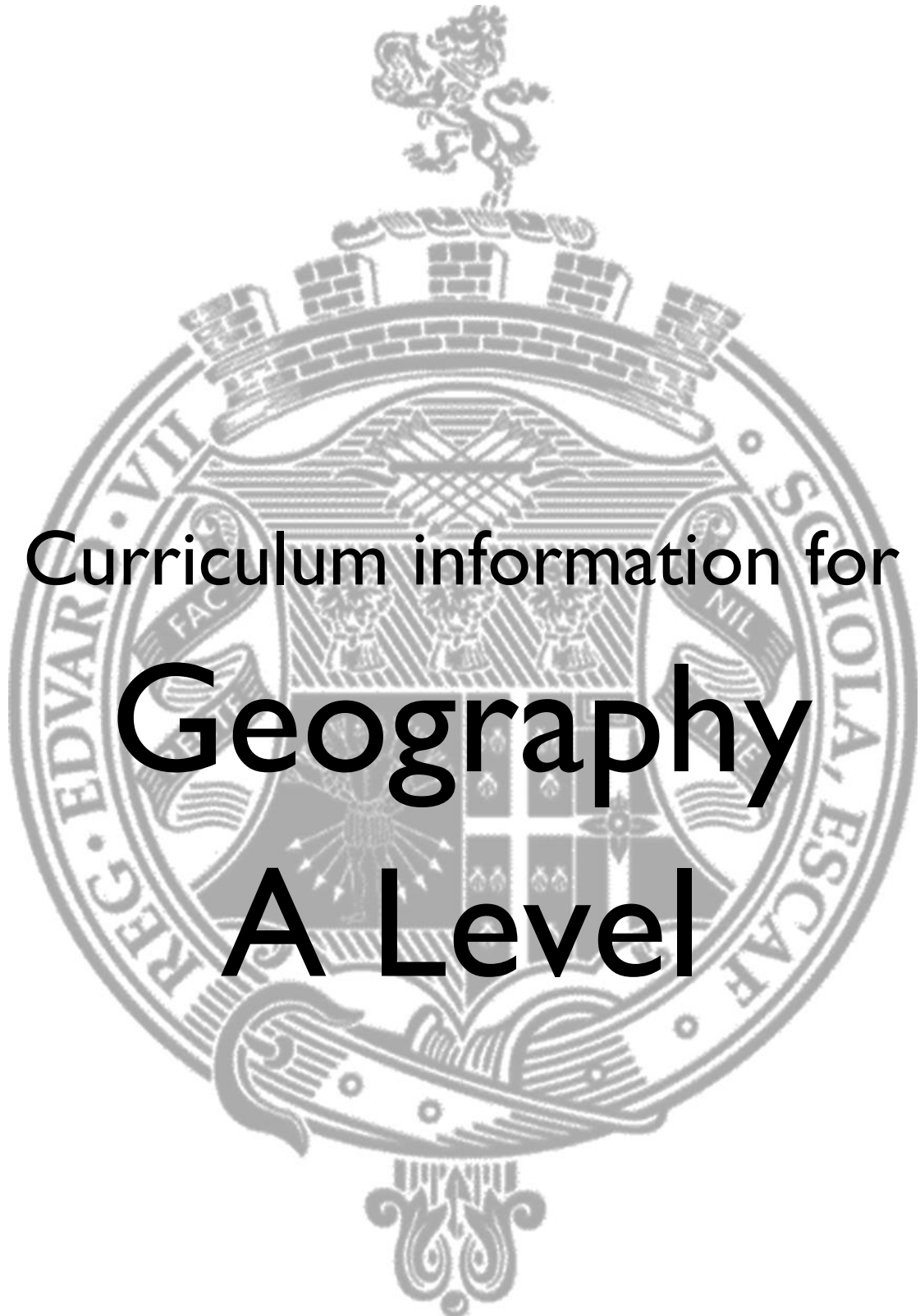
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Curriculum information for

**Geography**

**A Level**

# GEOGRAPHY

## What is Geography?

Geography seeks to understand the modern world and all of its present day human and physical complexities. In Geography we focus on real world topical issues. Geographers study the temporal and spatial distribution of the Earth's phenomena, processes and features and how humans interact with the environment, both human and physical. Geography is an interdisciplinary subject with a variety of topics, which includes economics, demographics, sociology, tectonics and geopolitics. It is how people perceive our world, how we interact with the world and what the world will be like in the future. If you choose to study A-Level Geography, you should be enthused about the world around you and issues that affect people and the planet.

## What is needed to study Geography?

If you have studied GCSE Geography you will need to achieve a grade 5. You will need at least a grade 5 in English and Maths if not taken at GCSE.

## What does the course involve?

At King Edward VII School, we follow the AQA Geography Specification. Students will study Coastal Systems and Landscapes, Hazards, Changing Places, Water and Carbon Cycles, Global Systems and Governance, Contemporary Urban Environments students will also complete an independent fieldwork investigation that requires students to collect primary and secondary data and use their fieldwork and quantitative skills.

Students must complete a **minimum of four days of fieldwork** throughout their A-Level studies. This will take place on a residential field visit based in the UK, more recently this has been to Cranedale in Yorkshire. Fieldwork is a **compulsory** element of the course that will be assessed through A Level coursework.

There will also be an optional residential during February half term in either Y12 or Y13. In previous years this has been to Iceland. This visit is aimed at students who are particularly interested in physical geography or those students who are interested in studying Geography, Geology or other related subjects at degree level. The residential has been running for a number of years and has proven highly popular with our students.

## **What will I do with an A-Level in Geography?**

Geography remains to be one of the most versatile subjects at A-Level. It provides students with knowledge, understanding and critical thinking skills that employers are looking for. Geography is seen as a natural stepping stone into a number of degree courses and sectors of employment, including the sciences, resource management, managerial positions, teaching, local and national government and all industries that require knowledge of how the world works.

Geography is commonly combined with science or humanities subjects, such as Biology, Geology, Politics, History and Business and Economics. However, it stands alone as a multidisciplinary subject that can combine and supplement and combination of other A-Levels as it is highly topical, investigating the complexities that affect the modern world now.

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King Edward VII School



Curriculum information for  
**Health & Social Care**  
**Level 3 BTEC**  
(Extended Certificate & Diploma)



# HEALTH & SOCIAL CARE BTEC

Offered as **BTEC Level 3 National qualifications in Health and Social Care**. The qualifications offered will be equivalent to one A level or two A levels.

UCAS points awarded as with A levels. Assignments, units and final marks will be awarded as: Pass (E), Merit (C), Distinction (A), Distinction\* (A\*).

## What do I need to study Health & Social Care?

The course of study prescribed by this specification can reasonably be undertaken by candidates entering this vocational area for the first time. **Grade 4 in 2 sciences required.** However, students need to be aware that for some university courses, GCSE grade 5 or above may be required. Progression through Advanced Level will provide a suitable basis for further study in related subjects in Higher Education as well as a valuable preparation for careers in any area of Health and Social Care.

## What does the course involve?

The one A level equivalent, **BTEC Level 3 National Extended Certificate in Health and Social Care**, will be studied over 2 years. This pathway will consist of 4 units of study; 2 of these units are assessed internally and validated by BTEC and 2 are assessed externally. This qualification is designed to provide a broad basis of study for the health and social care sector and is designed to support progression to higher education when taken as part of a programme of study that includes other appropriate BTEC Nationals or A Levels offered by the school. Units 1, 2 and 5 are mandatory units which must be included in the programme of study. The final optional unit of study is chosen by the school.

<b>Units of Study</b>	<b>Title</b>
1 – Mandatory	<b>Human Lifespan Development (externally assessed)</b>
2 – Mandatory	<b>Working in Health and Social Care (externally assessed)</b>
5 - Mandatory	<b>Meeting Individual Care and Support Needs (internally assessed)</b>
Optional Unit	Chosen by King Edward VII School (internally assessed)

The two A level equivalent, **BTEC Level 3 National Diploma in Health and Social Care**, will be studied over 2 years. In this case students will complete 8 units of study, 6 mandatory units and 2 optional units chosen by the school. It again supports access to a range of higher education courses if taken as part of a programme of study that includes other appropriate level 3 qualifications. For example, students may wish to study the National Diploma alongside an A level such as sociology, psychology or a science subject.

<b>Units of Study</b>	<b>Title</b>
1 – Mandatory	<b>Human Lifespan Development (externally assessed)</b>
2 – Mandatory	<b>Working in Health and Social Care (externally assessed)</b>
4 – Mandatory	<b>Enquiries into Current Research in Health and Social Care (externally assessed)</b>
5 – Mandatory	<b>Meeting Individual Care and Support Needs (internally assessed)</b>
7 – Mandatory	<b>Principles of Safe Practice in Health and Social Care (internally assessed)</b>
8 – Mandatory	<b>Promoting Public Health (internally assessed)</b>
Optional Units	The 2 optional units will be chosen by King Edward VII School

More detailed information about the BTEC National qualifications in Health and Social Care can be found on the BTEC website or by following the link below.

[http://qualifications.pearson.com/content/dam/pdf/BTEC-Nationals/Health-and-Social-Care/2016/specification-and-sample-assessments/9781446938003\\_BTEC\\_Nat\\_ExCert\\_HSC\\_AG\\_Spec\\_Iss3C.pdf](http://qualifications.pearson.com/content/dam/pdf/BTEC-Nationals/Health-and-Social-Care/2016/specification-and-sample-assessments/9781446938003_BTEC_Nat_ExCert_HSC_AG_Spec_Iss3C.pdf)

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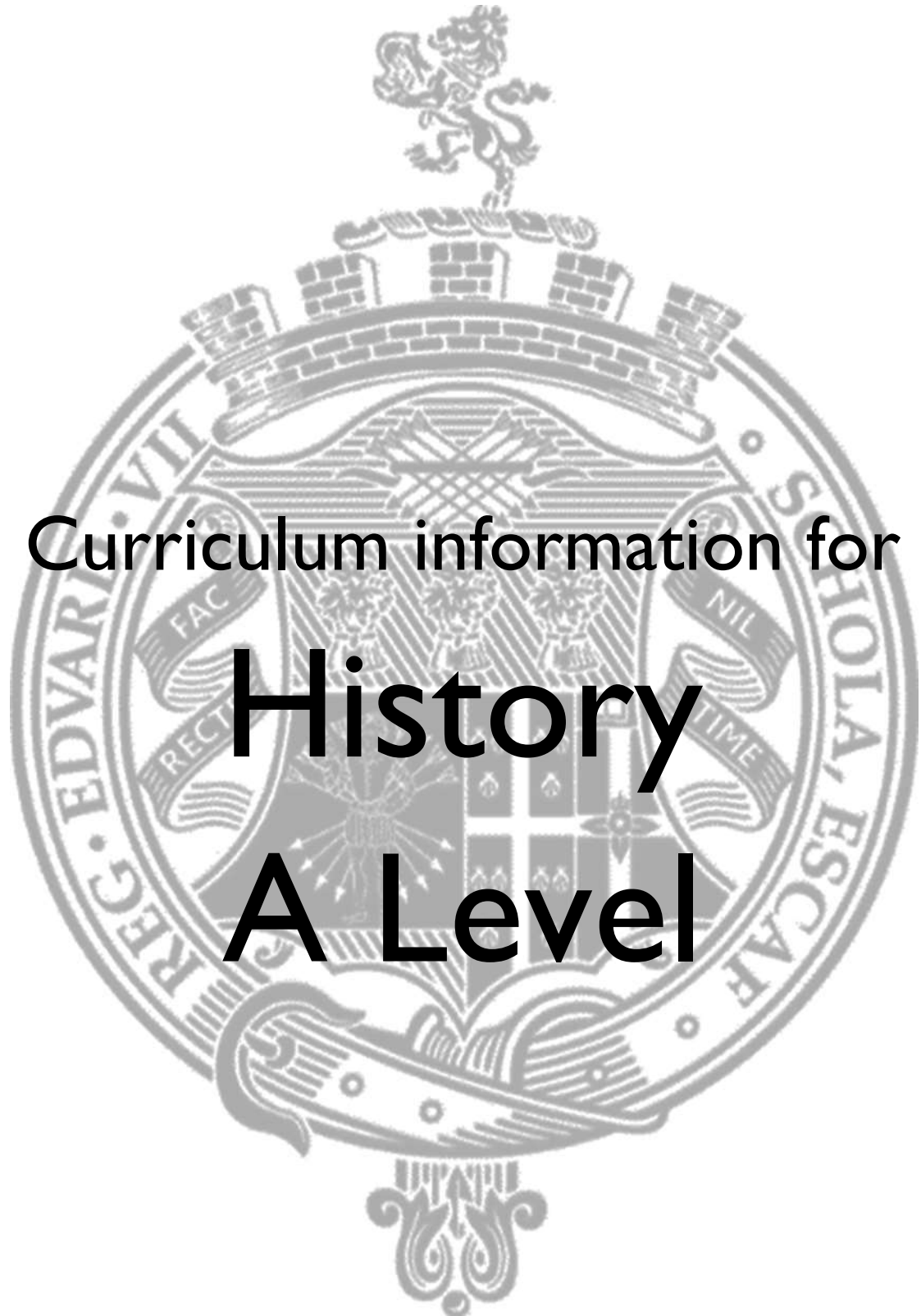
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# King Edward VII School



Curriculum information for

# History A Level

# HISTORY

## What is needed to study History at Post 16?

It is not essential to have studied History at GCSE although this is an advantage. Any student choosing to take A level History will be expected to have at least a grade 5 in GCSE History if studied, and a grade 5 in GCSE English or English Literature.

## What does the course involve?

The course studied follows the AQA examination board and covers a British Empire breadth study and a modern American depth study. The Non-Examined component (NEA) is an extended piece of work on British involvement in the Trade in Enslaved African People. There are three main components to the course:

- **Component One:** The British Empire, c. 1857-1967
- **Component Two:** The American Dream: Reality Dream & Illusion 1945-1980
- **Component Three:** An extended piece of independently researched work based around the theme of British involvement in the Trade in Enslaved African People c.1680-1833. Students are able to select specific questions according to their area of interest.

## **How is the course assessed?**

### **A Level Examination (in Y13)**

**Component One:** The British Empire, c. 1857-1967. Written Paper 2 hours 30 minutes (40% of A level).

**Component Two:** The American Dream: Reality Dream & Illusion 1945-1980. Written Paper 2 hours 30 minutes (40% of A level).

**Component Three:** A Personal Study: a maximum of 4,500 words on British involvement in the Trade in Enslaved African People (20% of A level).

## **What would I be able to do with an A level in History?**

History is a broad subject which develops a range of transferable skills that are highly valued by leading employers and Higher Education institutions. Historians are found in many of Britain's leading firms and institutions, where their skills of analysis, synthesis, argument and rational presentation are highly sought after. The broad nature of the subject compliments a range of other disciplines including English, Business and Economics, Politics and International Relations and the Social Sciences. History is particularly highly valued by employers in the areas of law, journalism, broadcasting, archaeology and business.

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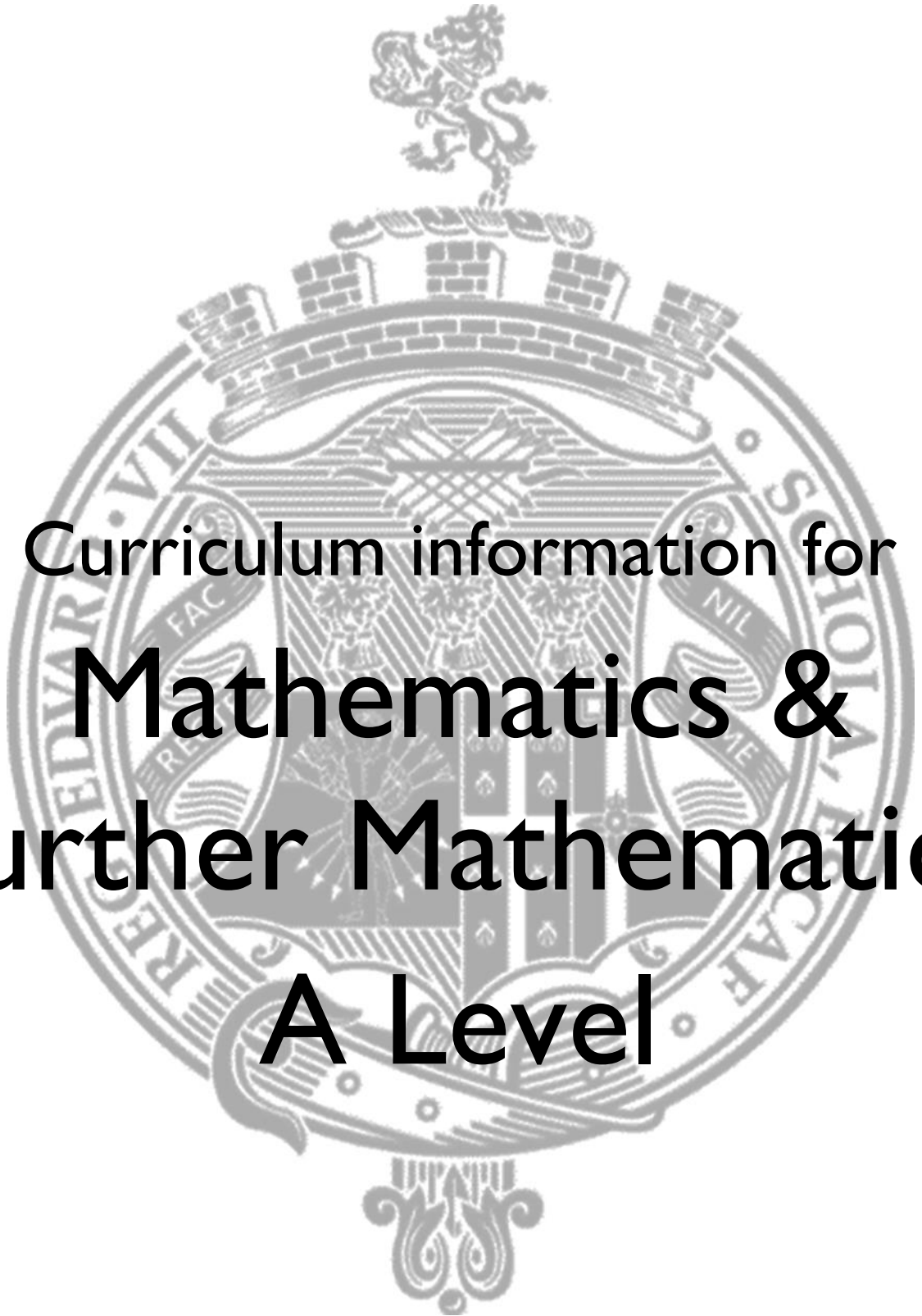
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King Edward VII School



Curriculum information for  
**Mathematics &  
Further Mathematics  
A Level**



# **MATHEMATICS**

## **and FURTHER MATHEMATICS**

We follow the Edexcel Specifications 9MA0 (Mathematics) and 9FM0 (Further Mathematics). Students will take A-Level examinations at the end of Year 13.

### **Why would I study Mathematics at A-level?**

Most mathematicians would say that doing mathematics is a beautiful, fascinating and intellectually satisfying activity. It is a way of looking at the patterns that make up our world and the ways in which they are constructed. It is therefore worthwhile in its own right.

On the other hand, it is also the foundation on which the theories of many other applied subjects are built. Mathematics at A-level will give you the tools required to study, for example, the way the economy works, the motion of the planets, how to assess the risk of flooding, the speed of a chemical reaction, the behaviour of large groups of people, global warming forecasts and the way decision making is done in businesses.

Most employers put great value on a student having an A-level in mathematics and take it as a sign that a person has sound reasoning and good numeracy.

If you are considering continuing your study of Mathematics at Post-16, just to support your study of other subjects, it may be that the 'Core Maths' course is right for you, rather than A-Level Mathematics.

## **What do I need to study Mathematics or Further Mathematics?**

For successful transition to **A-Level Mathematics**, students need to have reached **at least a grade 6 at GCSE**.

For **Further Mathematics** you should have an **8 or 9 at GCSE**.

Learning mathematics means learning how to solve problems using logical reasoning. This takes intelligence, insight and lots of practice.

Many people find that the change from GCSE to A-level mathematics is a big one. It is a subject that builds continuously on previous work so it can become very difficult if you fall behind. Serious application from the start of Y12 is essential.

If you are concerned that the jump from GCSE to A-Level may be too big for you, it is possible that the 'Core Maths' course will be right for you rather than A-Level Mathematics.

## **What do the courses involve?**

The Mathematics A-level is comprised of a mixture of Pure Mathematics and Applied Mathematics. The Pure Mathematics sections are mainly algebra, with some trigonometry and number work. The Applied Mathematics sections are based on both Statistics (data handling) and Mechanics (Forces and motion). All students will study both Mechanics and Statistics. For Further Mathematics there is likely to be some flexibility in which applied units are taken. There is no formally assessed coursework.

Lessons usually follow the same pattern with core concepts being taught and discussed followed by students working through Mathematics questions. In the new Mathematics A-Level there is an increased focus on problem solving and using the Pure Mathematics skills to model real life situations.

Independent work will have to be undertaken each week to consolidate and reinforce the concepts learnt in lessons.

### **Structure of A-Level Mathematics at KES:**

**Year 12:** 4/5 lessons per week split across Pure Mathematics and Applied Mathematics working towards the AS qualification.

**Year 13:** 5/4 lessons per week split across Pure Mathematics and Applied Mathematics working towards the full A-Level qualification.

### **Structure of A-Level Further Mathematics at KES:**

**Year 12:** 9 lessons per week take place over two option blocks with lessons split across Pure Mathematics and Applied Mathematics. Students will work towards the 'Mathematics A Level'.

**Year 13:** 9 lessons per week take place over two option blocks with lessons split across Pure Mathematics and Applied Mathematics. Students will work towards the 'Mathematics A Level' and 'Further Mathematics A Level'.

## **What else goes on for Mathematicians at KES?**

Students get the opportunity to enter the National Senior Mathematics Challenge each November and very able students can enter the British Mathematics Olympiad with coaching provided. We enter a team for other local and national competitions and we participate in the National Cipher Challenge. We have won prizes at all of these events. Furthermore, students wishing to progress to Mathematics degrees at Oxbridge/Warwick/Imperial will receive substantial support (typically one hour per week) in preparing for their specific entry papers.

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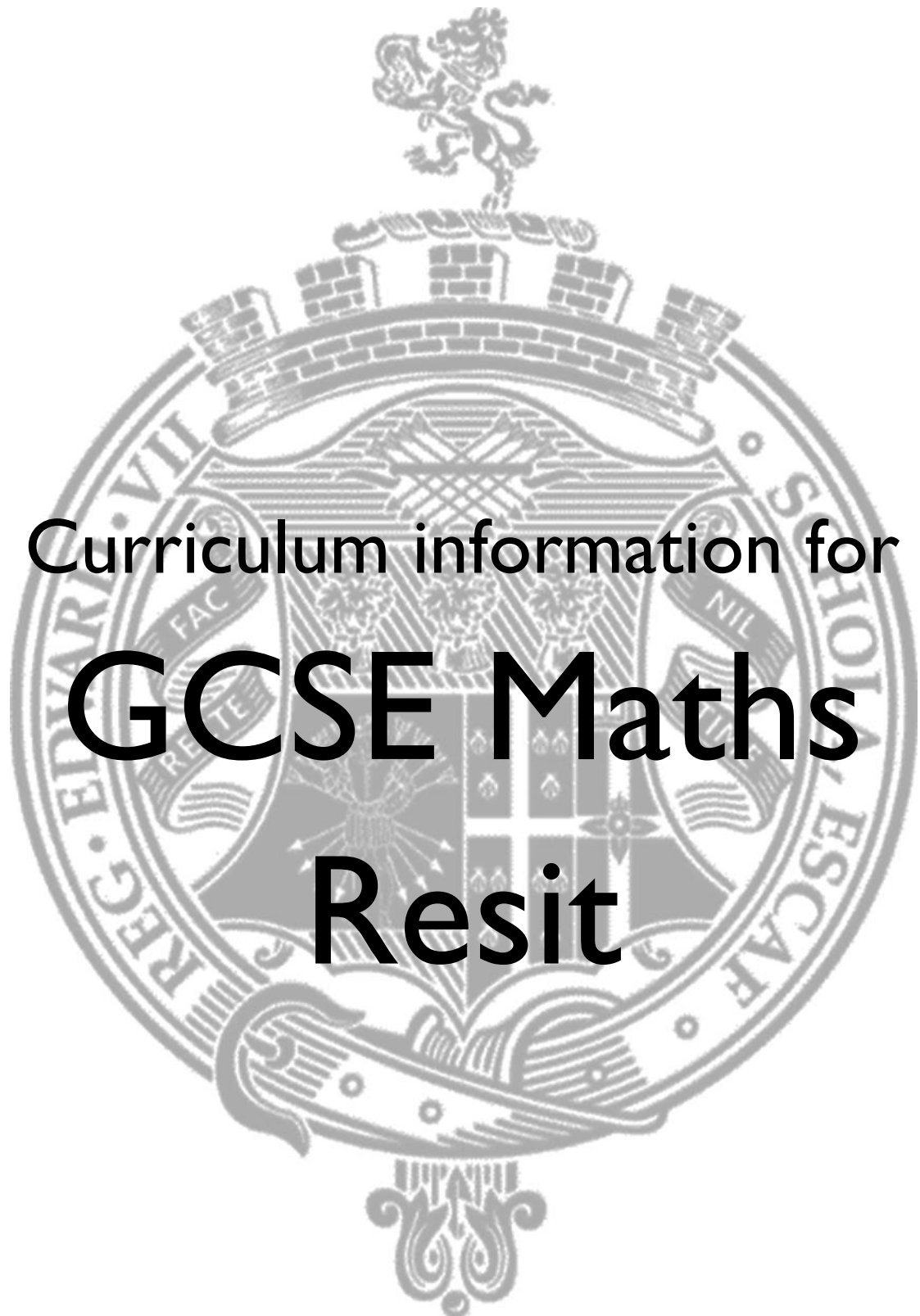
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# King Edward VII School



Curriculum information for

# GCSE Maths

# Resit

# GCSE MATHS RESIT

## **What is needed to study Maths GCSE (Resit)?**

**If you have not gained a GCSE Grade 4 or above, you will be required to do a GCSE resit.**

If you have a Grade 4 and 5 we suggest that you carefully research the requirements of your choices after sixth form. You might need to have a Grade 5 or Grade 6 for certain progression routes. It may be better to do the Maths GCSE resit in Y12 when you have no other external exams and the GCSE content will be fresh in your mind. We would advise against leaving a GCSE resit until Y13.

## **What does the course involve?**

The GCSE Maths (Resit) group will be studying the Edexcel 1MA1 specification (probably at Foundation Level, although there may be some room for flexibility on this).

The course covers the key areas of:

Number, Algebra, Ratio and Proportion, Geometry, Statistics and Probability.

The exams will test your ability to:

- Use and apply standard techniques
- Reason, interpret and communicate mathematically
- Solve problems within mathematics and other contexts

## **How is Maths GCSE (Resit) Assessed?**

There are three exam papers, all of which need to be taken in the same session, usually separated by a few days. There are exam sessions in November and June of Year 12. If you do not get the grade you are hoping for in Year 12, you can re-join the group in Year 13.

We will discuss with you when to sit the exams and entries are made on a case-by-case basis.

## **What will I be able to do with Maths GCSE (Resit)?**

A 'good' pass at GCSE is essential for many jobs and most courses of Higher Education.



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# King Edward VII School



Curriculum information for

# Languages

# A Level

# **LANGUAGES**

## **What do I need to study French or Spanish or German?**

A liking for the subject is the major requirement for a languages course but this must be allied to an ability to work well both independently and co-operatively with others. Active participation will be required, and so it is necessary to be willing to communicate and to become involved. Keeping up to date with current affairs in the target language is also essential in tackling the rigours of the new specification.

We recommend strongly that students should have gained at least a grade 5 at GCSE before embarking on the A level course.

## **What do the courses involve?**

Communication skills are at the forefront of our work. This means that much of the work is done in pairs or groups, producing dialogues, debates and group presentations based around a wide range of current and topical themes. A careful study will be made of the grammar of the language to enable effective communication in all these areas. The first half term will have a special focus on grammar and oral skills improving students' ability to communicate spontaneously in the foreign language.

Reading comprehension skills with an online account where they will have access to the course text book and lesson resources, will be practised through the exploitation of different kinds of texts. Students are issued with their own textbook and online account, and this, along with newspaper and magazine articles, downloaded from the internet, will form the basis of our work.

Video and audio clips accessed via the internet and viewed on an interactive whiteboard or in the department's own multi-media suite, will be used regularly to promote listening skills and to heighten awareness of current affairs.

All this work will be aimed at developing an awareness of, and interest in the language, society and culture of those countries in which French, German and Spanish are spoken.

The department offers a wide and varied programme of study trips and exchange visits to give students the opportunity to practice their oral skills and to learn more about the countries where they are spoken. Opportunities at present are as follows:

French            Y12 Study visit to Paris (1 week)

German           Y12/13 Study visit to Berlin/Vienna (1 week)

## **A level FRENCH/GERMAN/SPANISH EXAMS**

AQA Exam Board

### **Topics studied over the two year course:**

- Trends and issues in the society of the target language countries, e.g. the changing nature of the family, the cyber society, politics and immigration, youth culture
- Artistic culture in the target language countries, e.g. cultural heritage, film, music, art and architecture
- A film
- A piece of literature (a novel or a play)

### **Independent Research Project:**

Students must identify a subject or a key question which is of interest to them and which relates to a country or countries where the language is spoken. They must select relevant information from a range of sources including the internet. The aim of the research project is to develop research skills. Students will demonstrate their ability to initiate and conduct individual research by analysing and summarising their findings, in order to present and discuss them in the speaking assessment.

**Exams to be sat at the end of Y13.**

### **Paper 1:** Listening, Reading and Writing

- 2h 30 minutes
- Questions are based on topics studied above and will target main points, gist and details and will require either non-verbal responses or responses in the target language. They will include the need to infer meaning and will include abstract material such as opinions, views, emotional reactions and personal experiences.
- The examination also includes translation passages of approximately 100 words each, TL to English and English into TL.

### **Paper 2:** Essay writing

- 2 hours
- Students answer an essay question in the target language for each of the two works (film, novel) they have studied. All questions will be in the target language and will require a critical and analytical response. Students will be advised to write approximately 300 words per essay.

### **Paper 3:** Speaking

- 21-23 minutes (including 5 minutes supervised preparation time)
- The test will be in two parts: Part 1 is a discussion based on a stimulus card, followed by the presentation and discussion of the student's individual research project.

**There will also be exams in Y12, a mock in January (paper 1 only), and a full set of exams in June. Although these do not count towards your final grade, they are used for UCAS predicted grades and evaluating continuation into Y13.**

## **What can I do with an A level in Modern Languages?**

Some of the opportunities are:

- To go on to study languages at university. Most language degrees offer at least one year studying and/or working abroad.
- In recent years many of our students have gone on to combine a language with an increasing range of subjects including medicine, business studies and aeronautical engineering. This has allowed students to take a sandwich year,

usually in the second or third year of their degree study, to work in industry in the foreign country.

Job opportunities include:

- Lawyers, managers, interpreters and translators, bilingual secretaries, diplomats, teachers, business executives.

Employers consider language skills vital in today's business world and good linguists are ALWAYS in demand. Graduate unemployment amongst linguists is amongst the lowest compared with other disciplines.





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# King Edward VII School



Curriculum information for

# Music A Level

# MUSIC

## What do I need to study Music?

You should have a GCSE Music qualification, grade 9 - 6. In addition, grade 5 theory is of great benefit in understanding the course. It would be advisable to be at least grade 5 standard on your main instrument(s).

We sometimes admit students onto the course who have not taken GCSE Music. These students have usually gained a wide experience of performing, composing and listening through out-of-class activities. Each such case is considered on its own merits. Please contact Mr Doubleday if you have enquiries.

## Extra-Curricular Music at King Edward VII School

The Music course is supplemented by extra-curricular music activities that encompass a wide variety of styles and approaches. Our choirs, bands and orchestras serve both to provide excellent training and concerts of a superb standard. These groups are open to all: participation is not subject to audition. Chamber groups (trios, quartets, etc) receive expert advice and training, and the school regularly enters the Music for Youth festival. There are platforms for solo and small group performances and jazz bands run by sixth form students.

Most of the above groups are directed by staff, but one of the most exciting aspects of the extra-curricular programme is the increasing number of student-led groups. Soul, jazz, a cappella female voices and rock are among the styles practised by student groups. These contribute to the individual's acquisition of Key Skills, and to the school community's thriving cultural life.

## What will I be able to do with an A level in Music?

An A level in music may take you into Higher Education, into academic University courses, performance courses linked with other Arts subjects, Song writing and performance work, Composition courses e.g. Classical, Music Theatre or Film. It is also a useful qualification for entry into combined courses with subjects such as Dance, Drama, English, Languages and Mathematics.

Job possibilities include performing, arts administration, sound/music technology, music in theatre and film, teaching and music therapy. It is also true that many music graduates find success in other areas due to the skills that they acquire and hone during their musical studies.

## A-Level Music

AQA – 7272

The A-Level course has 3 components and you will study a variety of styles in Performing, Composing and Appraising Music. The performance and compositions will be completed in Year 13 and you will work on these aspects of the course during Year 12 alongside the Appraising Music component.

## The A-Level Components are:

<p>Component 1:</p> <p><b>Appraising Music</b></p> <p><b>40% of A-Level marks</b></p> <p>Details:</p>	<p>In this component you will study music from the Western Classical Tradition (1650 – 1910) and music from two of the following areas, decided upon by the teacher:</p> <ul style="list-style-type: none"> <li>• Pop Music</li> <li>• Music for Media</li> <li>• Music for Theatre</li> <li>• Jazz</li> <li>• Contemporary Traditional Music</li> <li>• Art Music since 1910</li> </ul> <p>This knowledge should support the composing and performing activities.</p> <p>This component is assessed through examination at the end of the course and contains three sections:</p> <ul style="list-style-type: none"> <li>• Section A: Listening to unfamiliar music</li> <li>• Section B: Analysis of studied works</li> <li>• Section C: Essay based on Areas of Studies</li> </ul>
<p>Component 2:</p> <p><b>Performance</b></p> <p><b>35% of A-Level marks</b></p> <p>Details:</p>	<p>In this component a minimum of ten minutes of performance is required. The performance can take be as a soloist, part of an ensemble or as a music production using recording techniques.</p> <p>The work will be recorded in school and that recording will be assessed by AQA examiners.</p>
<p>Component 3:</p> <p><b>Composition</b></p> <p><b>25% of A-Level marks</b></p> <p>Details:</p>	<p>In this component you will compose two pieces of music in a style of your choice. One composition will be to a brief set by AQA and the other is a free composition. You will need to write programme notes for both compositions although these notes are not assessed.</p> <p>The compositions will be assessed by AQA examiners.</p>

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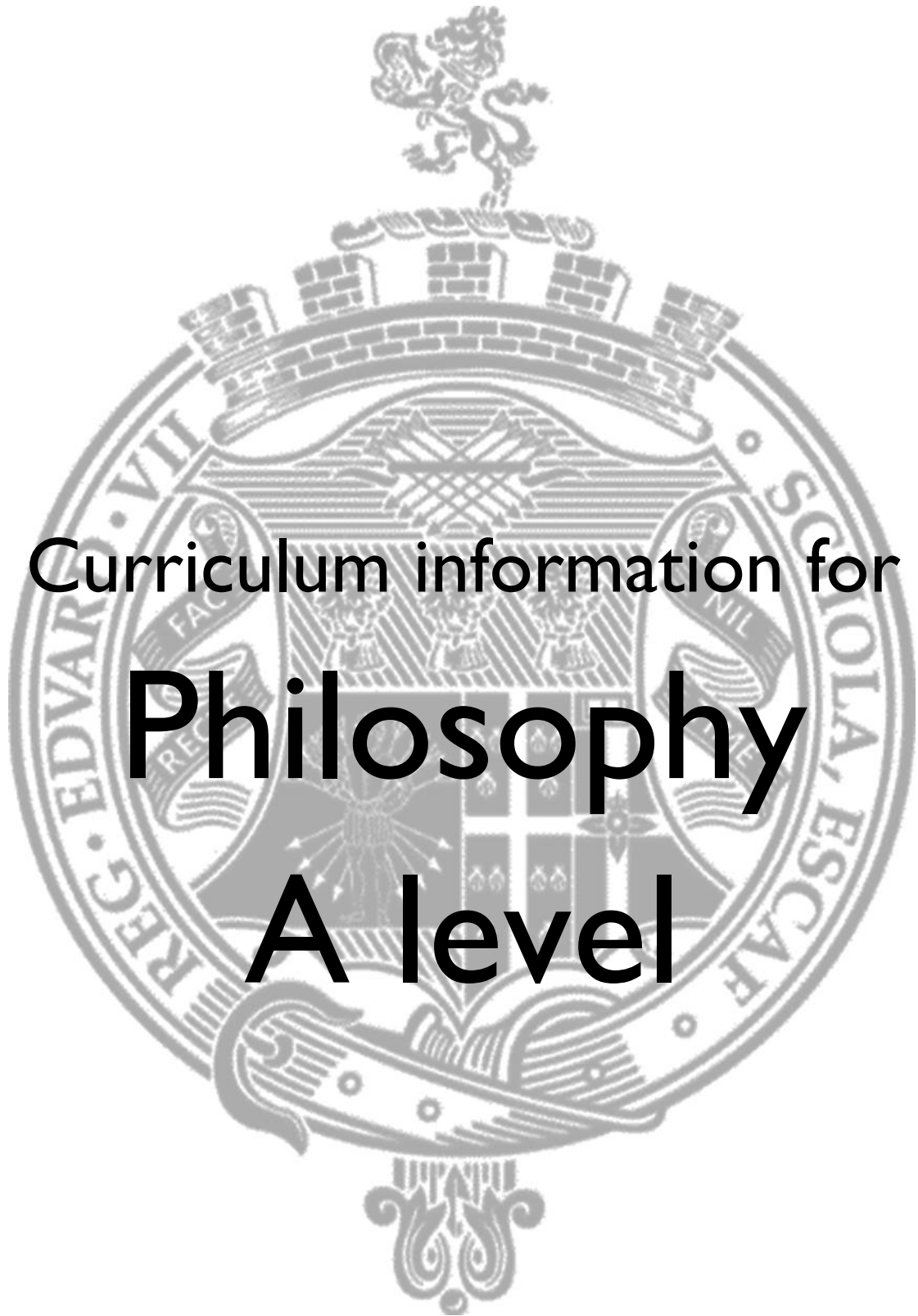
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King Edward VII School



Curriculum information for

**Philosophy**

**A level**

# PHILOSOPHY

## What do I need to study Philosophy

Philosophy is the study of wisdom. It is a subject which poses big and important questions about the world, how we live and what is real. It encourages us to use our best reasoning skills to answer these questions. Philosophy is a challenging and exciting subject which requires you to be brave about testing your beliefs and attitudes and to be open to debate and argument. **To study Philosophy you need to have achieved at least a grade 5 in GCSE English.**

## What does the course involve?

We study the AQA Philosophy course (7172). Subject content includes these four modules spread over two years:

### Year 1

1. Epistemology (different theories of knowledge).
2. Moral philosophy (Utilitarianism, Kantian and Virtue Ethics. Applied ethics and Meta-ethics)

### Year 2

3. Metaphysics of God (attributes, arguments for and against existence of God, problem of evil and suffering and religious language)
4. Metaphysics of the mind (dualism and physicalism covering functionalism and identity theory).

## What other subjects would combine well with Philosophy?

There are very few subjects that can't be very well combined with philosophy! Students studying sciences will get a lot out of philosophy's careful consideration of the limits of knowledge based on experience while those doing the social sciences and humanities will appreciate the strong relationships between these subjects and Philosophy (Psychology, for example, emerged out of the Philosophy in the 19<sup>th</sup> century).

## What will I be able to do with an A Level in Philosophy?

Philosophy is looked upon favourably by employers who see it as providing an excellent grounding in logical and analytic thought. In addition to completing a degree in philosophy there are many careers which involve aspects of philosophy. If you want to be a lawyer or doctor, for example, you will find that part of your course will involve philosophy and ethics.

## **What skills will I need and what skills will I develop on the course?**

You will need to be able to express your ideas in writing and in class debate (you must have at least a 5 in English)

Students will learn to be clear and precise in their thinking and writing and to analyse and evaluate the argument of others whilst constructing and defending your own arguments.

## **How will I be assessed?**

Assessment is by written examination. You will sit two three hour papers at the end of Y13.



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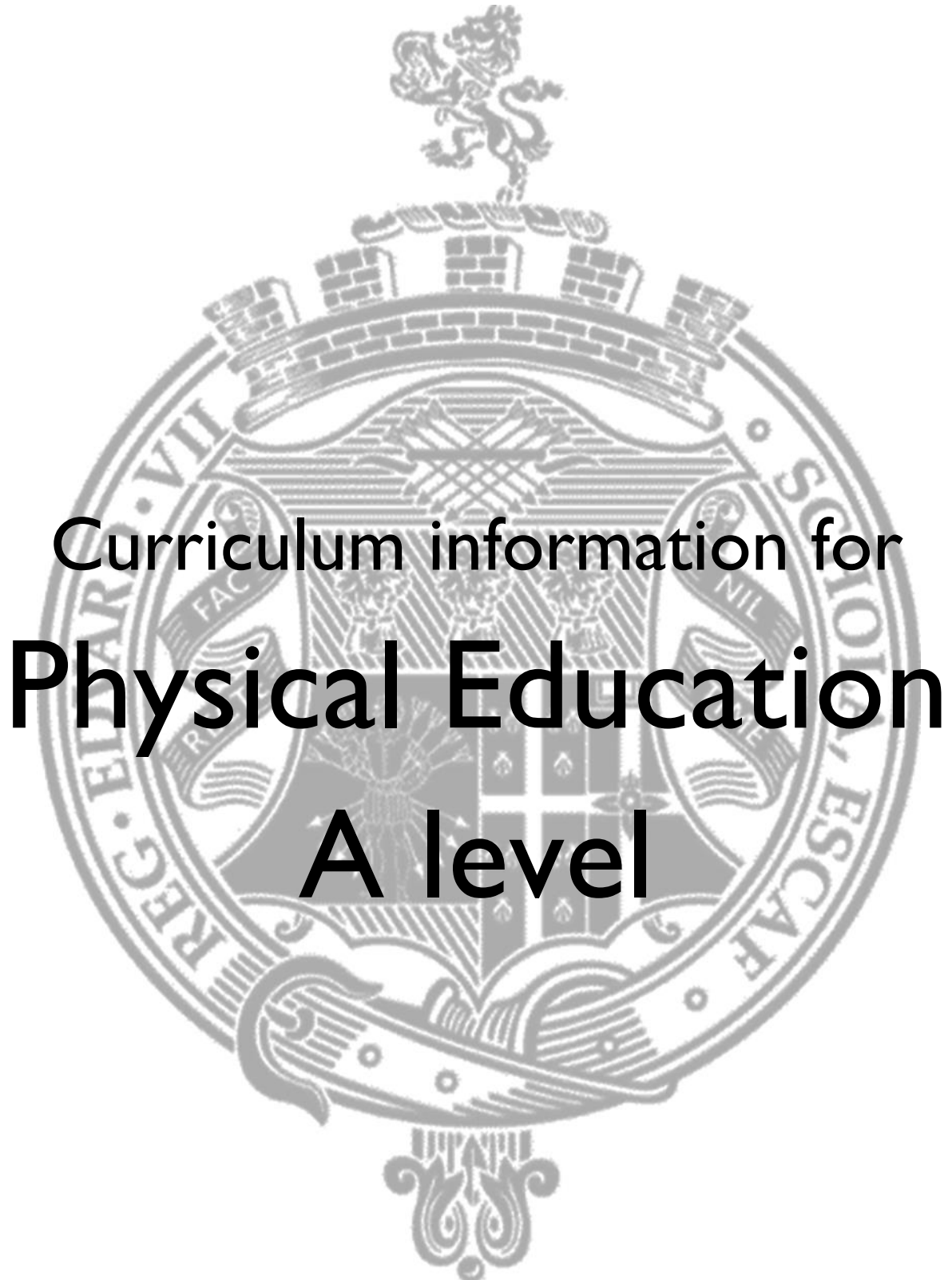
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Curriculum information for  
**Physical Education**  
**A level**



# PHYSICAL EDUCATION

This is a two year course where the final exam will be sat at the end of the second year.

## What do I need to study A Level Physical Education?

This is a multi-disciplinary course concerned with the study of sport. It develops an understanding of the historical, physical, social, cultural and psychological factors which influence sport, and relates to the important role of sport in society.

You need a serious interest in the many aspects of sport and a willingness to study in a hardworking and consistent manner. A good general academic background at GCSE level is important: GCSE Physical Education is not an essential requirement (however if you have studied GCSE PE you should have achieved a 5 grade or better, If you have studied BTEC PE at KS4 a distinction is the minimum requirement). You should have a minimum of grade 5 in two Science subjects. **You should also participate in 1 sport to a competitive level outside school.**

## What will I be able to do with an A level in PE?

If you wish to continue in education there is an enormous scope to continue your development in sport or sports related studies. For example Sheffield Hallam University offer 14 sports related courses, ranging from sports science, to sports business management, to sports development and coaching to name but a few. The knowledge that candidates gain will be invaluable for those choosing to follow a Physical Education related career. Here are just a few careers paths you could follow:

Physiotherapist; Referee/Umpire; Sports Manager; Sports Medic; Fitness instructor; Personal Trainer, Dietician/Nutritionist; Coach; Teacher; Lecturer; Choreographer; Sports Administrator; Sports Psychologist; Professional Sportsperson; Sports Journalist; Bio mechanist; Sports Photographer; Marketing (Leisure or Sport); Healthcare professional; Massage Therapist.

Employers from different sectors (business, medicine, law, science, media) see a PE qualification as important to have because of the skills learnt through PE; teamwork, communication, respect, desire to succeed are all sought after skills that are developed through A level PE. Candidates will also gain invaluable knowledge and understanding that will enable them to lead a healthy life.

## **Topics for A Level Year 1**

Applied anatomy and physiology

Skill acquisition

Sport and Society

The impact of sport on society and of society on sport

Exercise physiology

Biomechanical movement

Sports psychology

Sport and society and the role of technology in physical activity and sport

## **Topics for A Level Year 2**

Applied anatomy and physiology – Energy systems

Skill acquisition – Memory models

Exercise physiology – injury prevention and the rehabilitation of injury

Biomechanical movement – linear motion, angular motion, projectile motion, fluid mechanics

Sports psychology – Achievement motivation theory, attribution theory, self-efficacy and confidence, leadership, stress management

Sport and society and the role of technology in physical activity and sport – concepts of physical activity and sport, development of elite performers in sport, ethics in sport, violence in sport, drugs in sport, sport and the law, impact of commercialisation on physical activity and sport and the relationship between sport and the media

## **A-level assessment**

### **Component 1 – Paper 1: Factors affecting participation in physical activity and sport**

- Applied anatomy and physiology
- Skill acquisition
- Sport and society
- Written exam paper (2 hours)
- 35% of A-level

### **Component 2 – Paper 2: Factors affecting optimal performance in physical activity and sport**

- Exercise physiology and biomechanics
- Sports psychology
- Sport and society and technology in sport
- Written exam paper (2 hours)
- 35% of A-level

### **Component 3 – Non-exam assessment: Practical performance in physical activity and sport**

- Students assessed as a performer or coach in the full sided version of one activity
- Written/verbal analysis and evaluation of performance
- 30% of A-level







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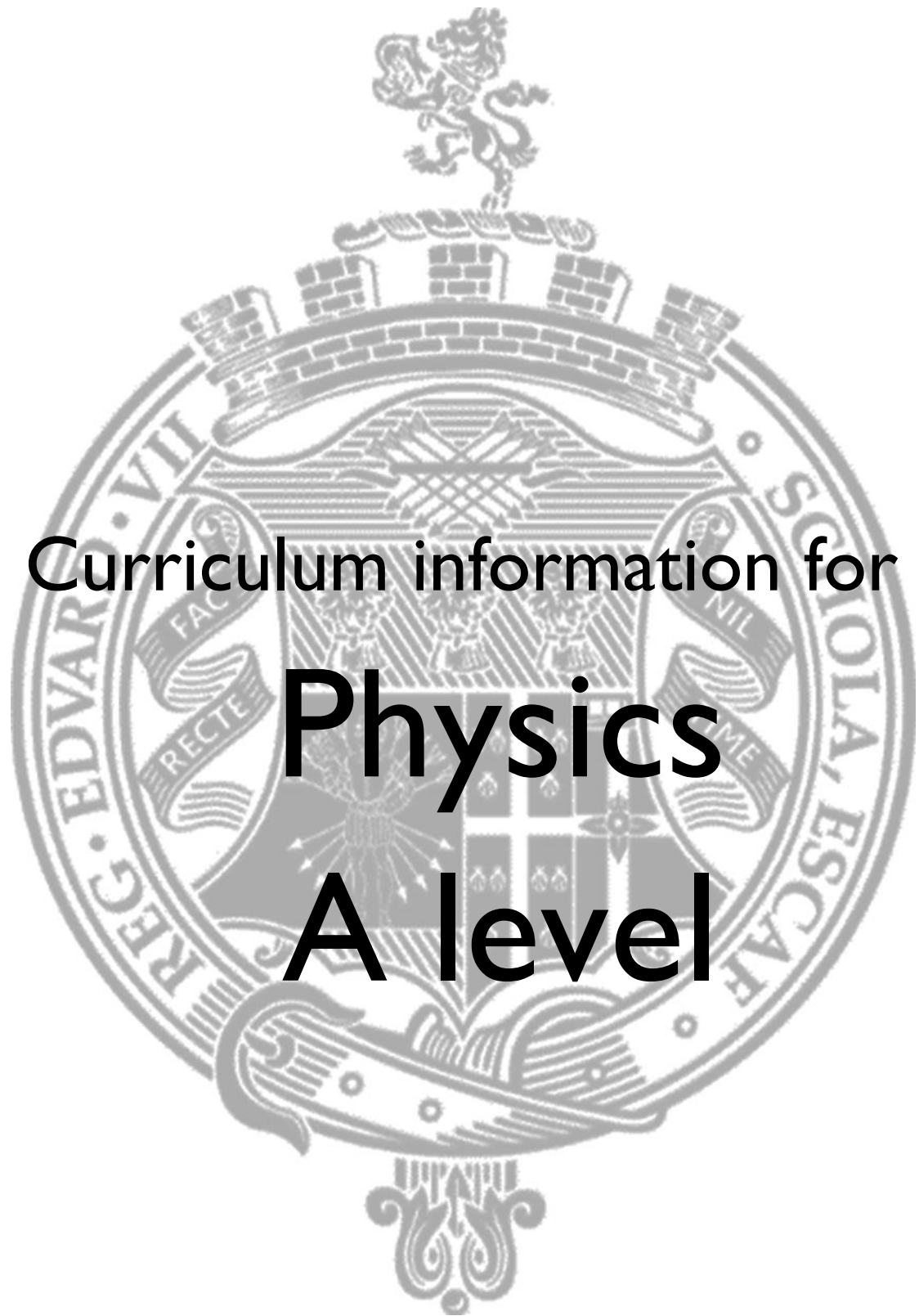
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# King Edward VII School



Curriculum information for

# Physics A level

## Why study Physics?

Physics is a subject for the curious.

If you want to know why things work the way they do, and are willing to put the hard work in to find out, you will find Physics especially satisfying and interesting. Being able to use mathematics and think mathematically is a big advantage for Physicists.

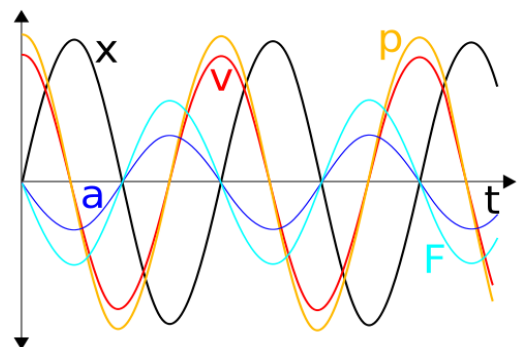
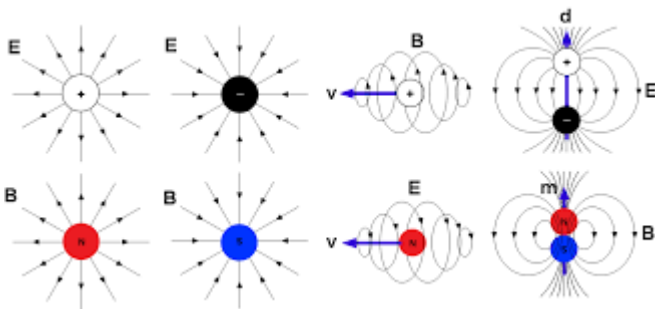
Physics covers everything from the very largest things (the Universe) to the very smallest (sub-nuclear particles).

### ***Physics impacts on every area of our lives:***

- From the technology that enables your *mobile phone* to work to understanding how the *human body* works, Physics and Physicists are involved.
- From *designing buildings* to understanding and seeking to minimise *climate change*, Physics and Physicists are involved.
- From trying to find out *if we are alone in the Universe* to *improving disaster relief*, Physics and Physicists are involved.
- From helping banks and governments to *manage data securely* to helping you *manage your time* better, Physics and Physicists are involved.

## What do I study in A Level Physics?

A Level Physics is a two year course which begins by building on and deepening the foundations laid during your GCSEs before then building on these to enable you to understand some of the more interesting areas of Physics and prepare you for future study, should you choose to pursue it.



## How is the course structured?

<i>Year 12 Physics</i>	<i>Year 13 Physics</i>
Mechanics	Further Mechanics
Materials	Thermodynamics
Electric Circuits	Electric & Magnetic Fields
Waves & Particle Nature of Light	Space
	Nuclear & Particle Physics
	Nuclear Radiation
	Gravitational Fields
	Oscillations

## Examinations

- There are no AS exams anymore.
- **A Level Physics** (end of Y13) contains three exam papers, two with 90 marks covering all the Physics from both years of the course and one of 120 marks covering experimental techniques from throughout the course and the Physics underpinning them.

## Practical Work

- **Core Practical** and other experiments are embedded throughout the course and successful completion of them will lead to you gaining a **Practical Endorsement** alongside your A Level.
- The A Level exams will also include an examination on experimental techniques.

## What do I need to study A Level Physics?

To study A Level Physics you will need to have demonstrated that you have a suitable Scientific and Mathematical grounding at GCSE. This means that you need, ***as a minimum:***

- 2 **grade 6 Science GCSEs** including **Physics** if taken.
- A **Grade 6** in **Mathematics GCSE**.

## What do students say about A Level Physics at KES?

### *Comments from current students*

“Physics helps you to look at everyday things in a different perspective”

“The teachers all work really hard to make sure you achieve the best you can”

“Supportive teaching, frequent progress reviews and extra help provided for those who need it”

“Really recommend Physics! Very fun and yet quite challenging. Helps with other subjects (Chemistry & Maths) and gives you a new, weird perspective of the world around us”

“Approachable teachers that are happy to help with any questions, and UCAS applications too!”

“The Physics teachers really care about their subject and do a great job of passing on their knowledge. The way they teach makes difficult concepts easy to understand and exciting to think about”

## Comments from students who recently finished the course

The teachers are friendly and approachable so you can always ask questions, even outside of lessons. I liked the fact that enough homework was set to help me really understand the topics, but not too much (so I still had free time to work on the topics I needed to).

I like it when we discuss physics that is beyond A Level.

We had regular testing throughout the course so we knew how we were progressing.

Good at explaining things - topics on the physics syllabus and beyond A Level physics.

The teachers know pupils' abilities and set specific tasks based on their abilities.

Any help you need even outside of physics (i.e. extra maths) the physics staff will help where they can.

The teachers are really good at communicating with the pupils when answering questions and explaining ideas.

The department appears to care about my understanding of the course and gives me work to help me understand.

All the teachers are very good at explaining things – you all know your stuff which is really helpful! Very knowledgeable.

## What enrichment opportunities are there in Physics?

- As a department we are affiliated to the **Institute of Physics**, which means that we receive Physics World each month which students can read. We also have a small **Physics library** of books that students can borrow to read.
- We have run various **visits and trips**, including to the Hallamshire Hospital Medical Physics Department and Manchester University Physics Department.
- Each year some students enter the **British Physics Olympiad** Competitions which are designed to challenge more able students with a mathematical problem solving approach to Physics.
- We work in partnership with **Cambridge University** on the **IsaacPhysic.org** project which includes the website with loads of Physics problems that students can work on, ranging from GCSE level to beyond A Level and occasional problem solving workshops.

## Who is A Level Physics suitable for?

Anyone with a curiosity about how things work, a willingness to work hard and who meets the entry requirements for the course.

## Who teaches A Level Physics?

The Physics Department currently has five members of staff who teach A Level Physics – Mr Baker, Mr White, Mrs Gilbert, Mrs Spooner, Dr White.

## Where can A Level Physics lead?

A Level Physics is a **facilitating subject** for University courses, especially at more competitive universities. This means that it is desirable for many different courses, not just ones directly linked to Physics (See Russell Group, Informed Choices).

***“One of the best ways to keep your options at university open is to choose your advanced level subjects from the list of facilitating subjects.”*** (p30)



Studying A Level Physics (and Maths) is a prerequisite for many **Physics and Engineering degrees**, but A Level Physics (when studied alongside other suitable A Levels) can also lead to many other courses of study post-18. A Level Physics also develops skills that employers are looking for including problem solving, logical and lateral thinking, being able to see the bigger picture and how details fit into it and good mathematical skills.

Students who finished A Level Physics in summer 2022 have gone on to the following University courses:

Course	Number of students	Universities
Physics with Astrophysics	1	Bristol
Chemistry with Molecular Physics	1	Imperial College London
Engineering	1	Liverpool
Structural Engineering with Architecture	1	Edinburgh
Chemical Engineering (International Study)	1	Birmingham
Architectural Engineering (Year in Industry)	1	Sheffield
Architecture	2	Cardiff, Leeds
Mechanical Engineering	3	Lancaster, Hallam
Computer Science	4	Durham, York, Nottingham, Manchester
Computer Systems Engineering	1	Sheffield
Philosophy, Politics, Economics	1	Oxford
Criminology	1	Hallam
Mathematics	1	Hallam
Medicine	1	Sheffield
Linguistics	1	UCL
Geography	1	Lincoln
Interdisciplinary Science	1	Sheffield
Psychology	1	Bristol
Occupational Therapy	1	Hallam

### **What support is available for A Level Physics?**

Staff offer some additional sessions at lunchtime and after school for students to come along to for extra support. We also aim to be available by arrangement at other times. Through regular assessments we aim to keep track of how students are progressing and provide intervention where needed.



## What are typical groups like?

Year group	Year 12	Year 13
Cohort size	54	44
Number of groups	3	3
Typical group size	15 - 21	10 -18
Male-Female split	42 - 12	39 - 5

The majority of students study A Level Maths alongside A Level Physics, at least until the end of Year 12. Our female cohort is typically between 18% - 27%.

## What are results like?

Physics has a long history of good results in A Level examinations. ALPS score for A Level Physics in 2018 was a 3 and 2019 was a 4, both above the National average.

At A Level we have been in the top 30-40% for 4 out of the last 5 years and in the top 11% in 2018.

During the pandemic, 2020, 2021, 2022, adaptations were made by the Exam Boards to the papers. Throughout this time, our students continued to perform in line with previous years.

We are good at stretching the most able, supporting them to be able to apply to study at the most competitive universities, whilst also supporting those who find Physics hard going. We aim to encourage interest in the subject and student feedback consistently tells us that students enjoy studying Physics at King Edward VII School.

## Any further questions?

Please email Mr Baker – [abaker4@kes.sheffield.sch.uk](mailto:abaker4@kes.sheffield.sch.uk)

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# King Edward VII School



Curriculum information for

# Politics

# A level

# POLITICS

## What is needed to study Politics?

You do not need to have studied Politics before in order to take the subject at A level. However, it is important that you follow the news and have a genuine interest in contemporary political issues. You will need to have achieved at least a Grade 5 in English or English Literature, as well as a grade 5 in a Humanities subject at GCSE.

## What does the course involve?

This Edexcel course combines both UK and American politics. There are three components at A Level:

- **Component One:** UK Politics and Core Political Ideas
- **Component Two:** UK Government and non-core Political roles
- **Component Three:** Comparative Politics: Government & Politics of the USA

## How is Government and Politics Assessed?

### A2 Examination (in Y13)

**Component One:** Written Paper 2 hours (33.3% of A level)

**Component Two:** Written Paper 2 hours (33.3% of A level)

**Component Three:** Written Paper 2 hours (33.3% of A level)

## What will I be able to do with an A level in Politics?

To employers and universities, Politics is a serious academic subject which is highly respected. Politics students are valued because they have learned to think for themselves about important issues and developed skills in analytical essay writing. Politics combines well with a range of social science and humanities subjects, as well as language or science A levels. Politics students often go on to complete degree courses in areas such as law, history, international relations, economics and of course politics.



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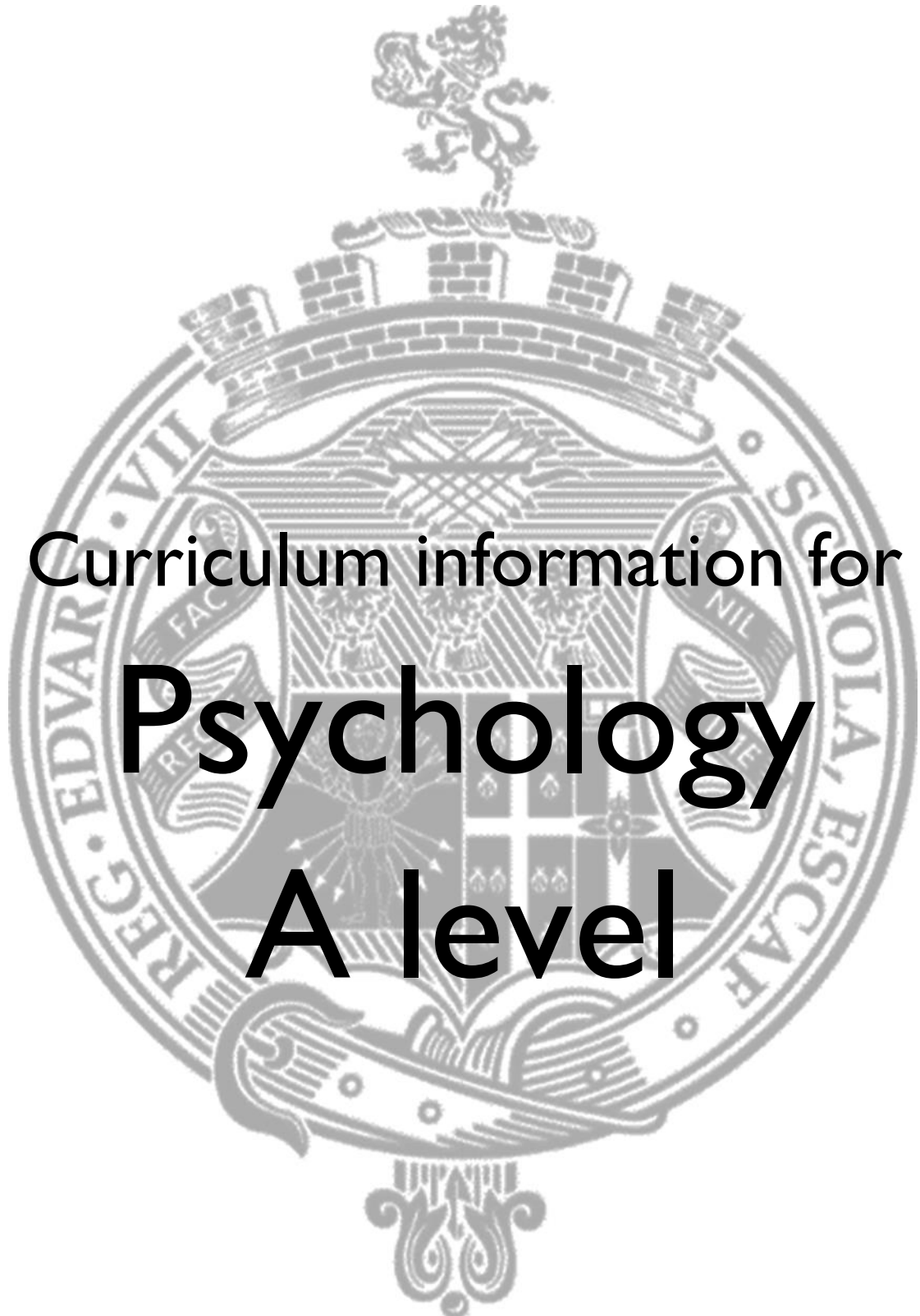
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King Edward VII School



Curriculum information for

**Psychology**

**A level**

# PSYCHOLOGY

This is a two year course with 3 modules which are all examined at the end of Y13.

## What does the course involve?

Psychology is the study of human behaviour and experience. This course will introduce you to the theories and methods of psychology. It offers the opportunity to look at some of the explanations psychologists use to understand humans and their interactions with the world. From a personal perspective you should find the fundamental questions of the psychologist interesting:

Why do I behave like this?

Why do I feel like this?

Why do I think like this?

These questions are explored through a series of activities including research studies and practical work. You will study a variety of psychological studies that represent the range of psychologists' interest and the methods they use. A practical examination gives you the opportunity to apply some of these methods in your own research. The course aims to develop both your psychological skills as well as your psychological knowledge.

## What do I need to study Psychology?

The course demands a high standard of verbal and written English, creative thought, analytical skills and numerical ability. A grade 5 in English and Maths and at least a grade 5 in one Science is required to study Psychology at A level. However, it is also important to have an interest in people and in what motivates them to behave in certain ways.



## What does the course involve?

### Component 1: Research methods

This introduces the world of psychological research methods. Students are required to conduct their own practical work which they reflect on in the exam.

You will develop a knowledge and understanding of the processes of planning, conducting, analysing and reporting psychological research across a range of experimental and non-experimental methods and techniques and also gain an awareness of associated strengths and weaknesses. You will also be expected to carry out mathematical procedures and statistical analysis on your own data.

You will learn about the **four** main techniques for collecting/analysing data.

These are:

self-report  
experiment  
observation  
correlation

### Component 2: Psychological themes through core studies

**This introduces key themes and core studies in psychology.**

#### Section A: Core studies

There are ten pairs of studies to be covered over the two-year course; one is a classic study in psychology, the other is a contemporary study. This helps to place research in its historical context. Each pair is located within a key theme.

You will look at:

- how the two studies are similar and how they are different
- the strengths and weaknesses of the different research methods
- the strengths and weaknesses of different types of data.
- how each core study relates to its key theme and to the area of psychology it is placed within.

The studies include:

- an experiment which explores the mental world of autistic people
- a staged collapse on a tube train to see what factors influence people's decisions to help
- disobedience and whistle blowing
- improving adherence of children with rewards
- a comparison of regions of the brain linked with navigation skills in taxi drivers and non-taxi drivers
- evaluation of lying and truth telling

## Section B: Areas, perspectives and debates

You will have to understand and evaluate some of the areas and debates within psychological research, recognising which studies demonstrate a particular area/perspective/debate.

Areas include:

Social  
Cognitive  
Developmental  
Biological  
Individual differences

Perspectives:

Behaviourist  
Psychodynamic

Debates include:

Nature/nurture  
Freewill/determinism  
Usefulness of research  
Ethical considerations  
Psychology as a science

Section B questions will ask you to generate an extended discussion, recognising the inter-relationship between different areas, perspectives and debates in psychology.

## **Section C: Practical applications**

You will apply your knowledge and understanding of psychology to a novel source. The source could be a newspaper or magazine article, a blog, a diary entry, email exchange or equivalent written source.

You will be asked to link it to a psychological issue and use evidence to make a suggestion relating to the source.

## **Component 3: Applied psychology**

### **Section A: Issues in mental health**

This is a compulsory section which provides an introduction to the topic of mental health. It includes:

- The historical context of mental health. This covers issues such as how do we define and categorise mental health, what are typical characteristics of an anxiety/affective/psychotic disorder
- The medical model. This focusses on biological and genetic explanations and treatments for disorders.
- Alternatives to the medical model: behaviourist/cognitive explanations & treatments

#### **1. Child psychology**

- intelligence and how it is measured
- attachment
- brain development and risk taking behaviour
- cognitive development and education
- the impact of advertising on children

- perceptual development in babies

## **Section B: Two applied areas:**

### **2. Criminal psychology**

- what makes a criminal – predictors
- forensics eg. crime scene processing and reconstruction
- collection of evidence from witnesses
- jury decision making
- punishment and reform
- crime prevention

You will cover the background to each topic, a key piece of research and how it can be applied in the real world.

You will gain an understanding of the methodological issues and debates in psychology which run throughout the component eg. nature/nurture debate, ethical considerations, Psychology as a science, freewill/determinism

## **How will I be assessed**

### **Component 1 Research Methods**

Exam 2 hours 30%

Section A 20 multiple choice questions

Section B Research design and response relating to source material given.

Section C Data analysis and interpretation

### **Component 2 Psychological themes through core studies**

Exam 2 hours 35%

Section A Short answer questions on the core studies

Section B Areas, perspectives and debates: a structured essay question

Section C Practical applications: longer answer questions relating to a novel source

### **Component 3 Applied Psychology**

Exam 2 hours

35%

Section A Issues in mental health

Section B Criminal Psychology, Child Psychology

Both sections have questions requiring extended written responses.

### **What will I be able to do with an A level in Psychology?**

Psychology has particular relevance for students interested in careers working with people such as Nursing, Police Force, Human Resource Management, Teaching, Marketing, Medicine and Social Work.

There are various career options in the field of professional Psychology such as: Health, Educational, Clinical, Forensic, Sport, Occupational Psychology and Counselling. All require a Psychology degree and further training.

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King Edward VII School



Curriculum information for

**Sociology**

**A Level**

# **SOCIOLOGY**

This is a two year linear course assessed through examination at the end of the course.

## **What do I need to study Sociology?**

To study Sociology you should have achieved at least a grade 5 in English GCSE or English Literature GCSE and grade 4 in Maths.

Sociology is about making sense of the world we live in. It is the understanding of the cultural and identity issues which affect us all. It is about how society affects each individual and how we become to be who we are through the socialisation process. The course offers opportunity for critical thinking skills and to learn about the social world in which we live in.

The majority of students who study the subject have not taken GCSE Sociology. What we are asking for is an interest in current issues and a willingness to read around the subject. Students can reflect on their own life experience through a different way. Sociology does involve short answer and extended writing skills which will be developed through the duration of course. You will also develop the ability to think in a critical way.



## **What does the course involve?**

### **First Year of A level**

Compulsory content

- Education with research methods

Optional content

- Culture and identity

### **Second Year of A Level**

Compulsory content

- Crime and deviance with theory and methods

Option two

- The media

## **What will I be able to do with an A level in Sociology?**

Sociology provides an excellent foundation for higher education with subjects in addition to Sociology being studied include:

- Psychology and other social sciences
- Journalism
- Social Work
- Law
- Criminology

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