



MAIDEN ERLEGH
TRUST



MAIDEN ERLEGH
SCHOOL

Maiden Erlegh School

CURRICULUM BOOKLET

KS5

Academic Year 2026-2027

A. Morgan - DHT

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Curriculum Intent

We aim to deliver a high quality, rigorous and coherent curriculum with a range of pathways that provide a stimulating and demanding education for students of all abilities.

The objectives for our curriculum are:

- To meet the needs of our students and keep as many options open to them as possible
- To secure the best possible academic results for all our students
- To ensure high quality learning over time
- To ensure substantial knowledge and language acquisition
- To practise and develop transferable skills development
- To prepare students for the end phase of their education or employment and life in modern Britain
- To develop well-rounded, confident, and open-minded young adults.

Our curriculum design is based on:

- Well-designed sequences of learning over time
- A core of essential vocabulary, knowledge, and skills, both subject-specific and transferable
- Freedom for teachers to apply their professionalism and expertise
- Memorable experiences which put learning in a wider context
- A wide range of opportunities for personalised stretch, challenge, and support
- A range of rigorous assessment opportunities which support high quality of information advice and guidance for students and parents
- Varied option choices for all groups of students including the most able and SEND
- Varied progression routes for all students: post 16 and post 18
- The recruitment, development and retention of strong teachers and curriculum leaders.

Students starting in Year 12 start 3 Level 3 qualifications which can be A level subjects, or technical courses, or a mixture of A level and technical education options. Students have the option of studying 4 A levels, if their academic success at KS4 is sufficiently high that the increase in work is not going to have a detrimental effect on their studies. All students have the opportunity to complete the Extended Project Qualification (EPQ).

Curriculum allocation

In Years 12 students have 4.5 hours a week per subject and in Yr13 4 hours, unless there are a small number of students studying a subject, as they will cover the course content in depth more quickly than a large cohort of students which enables more of a 'private tuition' approach to learning and support and therefore less teacher contact time is required. In some subjects with small numbers of students in Year 12 and Year 13 may be taught together. All students have directed supervised



study for a minimum of 4 hours a week. Students are expected to complete work experience which is relevant to their course either through their own organisation or via the school.

Hours per week	
Option A	4.5
Option B	4.5
Option C	4.5
Option D	4.5
Supervised Study	4
Personal Development	1
Enrichment	4
TOTAL	22.5

Sixth Form Entry Requirements

Students entering the Sixth Form must pass at least five courses successfully at the following levels: GCSE at grades 9-5 or the equivalent at Level 2 technical qualifications. If the five passes does not include English (language or literature) and mathematics of grade 5+, students must, in addition, achieve at least a grade 4 in English (language or literature) and mathematics. Thereafter, each course has specific entry requirements and many require a GCSE grade 4 or pass or higher in that subject or related subject.

Three A Levels/Level 3 technical courses

Entry criteria for Year 12

Students who have achieved at least 5 9-5 grades including English and mathematics at Grade 5+ or with additional English and mathematics passes at Grade 4.

Pathway description

Students will choose three Key Stage 5 courses at A Level or Technical Level 3 and English or mathematics GCSE resit where necessary. Work experience opportunities are offered to all students and we recommend students complete some work experience during Key Stage 5. Those following technical qualifications work experience is provided. The Extended Project Qualification (EPQ) is available for students with capacity to undertake it successfully but it is optional.

Entry criteria for Year 13

Students whose half termly progress data and pre-public examination results suggest they would fail two or more courses would mean that transition into Year 13 would not be recommended. Technical Level 3 courses are two year courses and students must complete the necessary coursework in Year 12 and achieve a minimum of a pass in order to continue into Year 13.

Where a student does not achieve a minimum of a Grade 4 in both English Literature and Language, the student is expected to resit this GCSE to achieve the higher grade.



Subject specific entry requirements

Subject	Specific Entry Requirement
Art and Photography	Grade 4 in Art OR submission of an Art portfolio in addition to sixth form entry criteria
Biology	Grade 6 in Single Science Biology or 6-6 in Combined Science Grade 6 in English Language or Literature Grade 6 in mathematics
BTEC Level 3 AAQ Medical Science	Grade 5 in Single Science Biology or Combined Science Grade 5 in English Language or Literature Grade 5 in mathematics
Business Studies	Grade 5 in maths and English
BTEC Level 3 Business Studies	Grade 4 in English Language or Literature Grade 4 in mathematics
Chemistry	Grade 6 in Single Science Chemistry or a 6-6 in Combined Science and a Grade 6 in mathematics
Computer Science	Grade 5 in Computer Science Grade 5 in mathematics
Design and Technology	Product Design 5 , plus maths 5, combined science or Ph/Ch 5 5
Economics	Grade 5 in English Language or Literature Grade 5 in mathematics
English Language	Grade 5 in English Literature and English Language
English Literature	Grade 5 in English Literature and English Language
French	Grade 5 in French
Geography	Grade 5 in Geography Grade 5 in mathematics
Film Studies	Grade 5 in English Literature and English Language
German	Grade 5 in German
History	Grade 5 in History OR Grade 5 in English Literature/Language
Maths	Grade 7 in mathematics
Further maths	Grade 8 in mathematics
Music	Grade 5 in Music
Philosophy and Ethics	Grade 4 in English Language or Literature



Physical Education	Grade 5 in Combined Science
Cambridge Technical in Sport	Grade 4 in English Language or Literature Grade 4 in Single Science or Combined Science
Physics	Grade 6 in Single Science Physics or 6-6 in Combined Science and Grade 6 in mathematics
Psychology	Grade 5 in English Language or Literature Grade 4 in mathematics
Spanish	Grade 5 in Spanish
Sociology	Grade 4 in English Language or Literature
Theatre Studies	Grade 4 in English Language or Literature

Supporting literacy and numeracy across the curriculum

Academic writing sessions for students requiring extra support are timetabled in the school year prior to their PPEs and A2 examinations. Subjects which require a strong mathematical skill, run additional sessions for those students who have not opted for Maths A level e.g. Physics.

Supporting Personal, Social, Moral, Spiritual and Cultural (PSMSC) education

In addition to sessions preparing students for applying for places after the Sixth Form, the programme is not only designed to provide students with a range of information about how to keep themselves safe and well, both now and as they move on, but also to raise awareness in students about important social issues. Topics covered include: financial awareness and budgeting, mental wellbeing, healthy lifestyles, tolerance, study skills, cyber-literacy and cyber awareness, life in Modern Britain. The programme is delivered through a mixture of teacher-led lessons, assemblies, outside speakers, and off-site events.

Enrichment curriculum

Sixth Form students have the opportunity to become involved in a wide range of activities, such as sport, music, drama, debating and public speaking. Students who have particular interests are encouraged to organise new societies. Examples of Sixth Form societies and events are:

- Debating Society
- Amnesty International
- Environment club
- Sporting tournaments
- Afro Caribbean society
- Peer Mentors

Trips have included: physics trip to CERN, work experience in France and/or Germany, geography and biology field work, drama and music performances, art trips to museums, Duke of Edinburgh expeditions and our World Challenge.



ICT to support learning

Every Sixth Former is entitled to bring their own device into school and have access to the school network and the school's WIFI. Once activated they can then use their devices in the Study Area and Common Room as well as in the Dining Rooms and in lessons where teachers permit it.

SEND provision

Where students have special educational needs or disabilities (SEND) they would work with our inclusion team who would advise teachers about reasonable adjustments which can be made to support their progress through their Individual Learning Plans. Concessions staff will also work with staff, students and parents to understand if examination access requirements are applicable and which ones reflect students' successful usual ways of working.

More and Exceptionally Able provision

All students are challenged and supported to be aspirational for themselves and then to reach or indeed exceed their potential. We recognise that more able students sometimes need specialist guidance especially as they move into the Sixth Form and as they make their choices and apply to university or apprenticeships. Maiden Erlegh has an excellent reputation for our work with the more able both in class and outside.

More able students succeed because they follow an academic curriculum which is delivered by inspiring experts. Nevertheless, it is essential that the students themselves also display a hunger for learning and passion for their subjects which goes beyond the taught course. We provide them with, and signpost them to, enrichment activities and wider reading.

We also help them to develop highly effective learning skills and habits. We expect them to embrace all of these opportunities and we will work closely with them so they can then progress to a destination of their choice. Where necessary we provide individual coaching and mentoring and also provide support for entrance exams and interviews where necessary.

Over a third of our applicants go to Russell Group universities, including Oxbridge, and every year we have students who go on to highly competitive courses such as medicine, veterinarian science, law and engineering. We also frequently have students who secure places in well-known art and performing arts colleges.

EAL provision

EAL students are able to access the support of the Inclusion centre as well as informal peer group support in the sixth form.

Destinations information, advice and guidance

We start our 'Future Pathways' process in Year 12. We organise a series of Careers Seminars led by professionals from a wide range of sectors. We also hold an annual Careers Fair, which has representatives from local Further Education providers, some universities and local apprenticeship employers. In the summer term, we start the formal process for those aspiring to university or advanced or degree level apprenticeships. Our specialist advisors lead on a programme of support and guidance so that students can make successful applications.



The tutor is responsible for writing the student's UCAS, apprenticeship or work reference and they will also provide coaching on the writing of personal statements and application letters. Students can also request an Independent Careers Interview if necessary.

Work experience and work related learning

We expect all students to undertake formal work experience, usually in Year 12. It must be approved by us as part of the wider scheme of work related learning. We strongly recommend that students arrange their own work experience placements. This will ensure that students will benefit from developing important employability skills such as good communication, presentation skills and writing a CV. Students will also gain a better understanding of the application, interview and recruitment process. Information, advice and guidance will be offered throughout the process. If a student is unable to find a placement despite their best efforts, the school can arrange it on their behalf.

How can you support your child?

General revision and study help:

- <http://www.howtostudy.org>
- <https://www.familylives.org.uk/advice/teenagers/school-learning/exam-stress/>
- <https://www.nhs.uk/conditions/stress-anxiety-depression/coping-with-exam-stress/>
- <https://www.parentline.com.au/older-kids/issues/helping-kids-cope-exam-stress>



ART & DESIGN: AQA ([BACK TO CONTENTS](#))

OVERVIEW

All the art and design courses provide the opportunity to develop a reflective and personal approach to aesthetic awareness and expression. Students are encouraged to develop and understand their own creative process and apply their understanding to a variety of problem solving and practical outcomes. In addition the courses provide a valuable foundation for further study and career development in a wide range of areas: architecture, animation, digital imagery, film, special effects, make-up, fashion, footwear, textiles, graphic design, product design, theatre design, jewellery, millinery, printmaking, photography, visual communication, art history, fine art, ceramics, surface decoration, stained glass, fashion marketing or journalism, conservation, museums and galleries curating, bookbinding, illustration, landscape design, interior design, furniture design

ENTRY REQUIREMENTS

A GCSE pass in art and design at grade 4 or above is needed to take an A level course. Students who have not studied art at GCSE will be asked to present a portfolio of work which will be used to assess their ability to pursue an A level course. Prior knowledge of the use of image manipulation software, such as Photoshop, is an advantage for the photography course. Sketchbooks will be used in all three options, as drawing underpins every aspect of art and design. Sketchbooks will include written analysis of the work of artists, designers and photographers. Students need to be independent and resourceful in developing an individual, intuitive and creative approach in response to set projects. Every student is expected to develop their own visual identity and teaching will include tutorials with individuals. There will be workshops at the start of the course where the class will be experimenting with the use of media, processes and techniques. Students are expected to become responsible for their own learning and should show initiative in directing their study.

SUBJECT CONTENT

There are three titles to choose from; (i) Fine art (ii) Photography (iii) Art Craft and Design.

Fine art

This deals with art for its own sake and involves studying artists' work and the ideas and concepts behind it. The messages, which may be implied or conveyed in the work, might deal with issues about society today. Traditional examples of fine art include painting from the figure, the portrait, still life, abstraction, architecture and landscape. Understanding of pictorial space and the elements of composition form an important part of the study. Media and techniques to be explored will include: drawing, painting, printmaking, photography, sculpture, film, and installation. Written analysis of the work of other artists, both contemporary and of the past, is essential as are visits to major galleries and museums.

Photography (lens-based and light-based media)

This course encourages students to develop their aesthetic, intellectual, creative, imaginative and intuitive powers through the use of lens-based media. As in the other endorsements students are expected to show an understanding of art, craft and design in contemporary society and in other times and cultures; sketchbooks and journals are essential for recording this information. Students will need to develop their lens-based skills in order to record experiences and observations in visual form. It is necessary to work in one or more of these areas: portraiture, landscape, still life, documentary, photo journalism, experimental imagery, photographic installation, video, TV and film. It will be important to learn to make appropriate choice of camera types and their application together with being able to use image manipulation software. An understanding of techniques



related to the developing and printing of photographic images, presentation, layout and mounting is sought. The interpretation of ideas, feelings and meanings are explored in the context of chosen areas of photography. Historical and contemporary styles and genres will be examined. This course will use digital photography and students will need to have their own camera.

Art, Craft and Design

This is a broad-based course and candidates are expected to explore a range of media, processes and techniques. The examination board stipulates that candidates should produce work associated with two or more of the titles, i.e. fine art, graphic communication, textile design, 3-dimensional design and photography. E.g. a student may try one outcome in ceramics, another in photography and another in painting a portrait or creating a wall-hanging in textiles. Any media, techniques or processes may be used including drawing, painting, photography, sculpture, ceramics, textiles, fashion, graphic design, film, animation and installation. Written analysis and contextualisation of the work of other cultures, artists, designers, photographers, and architects is essential as are visits to galleries and museums.

ASSESSMENT OBJECTIVES

Within each component there are four assessment objectives:

A01 - Develop ideas through sustained and focused investigations informed by contextual and other sources, demonstrating analytical and critical understanding.

A02 - Explore and select appropriate resources, media, materials, techniques and processes, reviewing and refining ideas as work develops.

A03 – Record ideas, observations and insights relevant to intentions, reflecting critically on work and progress.

A04 – Present a personal and meaningful response that realizes intentions and, where appropriate, makes connections between visual and other elements.

ASSESSMENT STRUCTURE

Component 1 is worth 60% of the A level grade. Students are expected to develop a personal investigation based on an idea, issue, concept or theme leading to a final outcome. This may be a finished single outcome or a series of related finished outcomes. The personal investigation includes a written communication of 1-3000 words and must be in continuous prose.

Component 2, is the final 15 hour externally set assignment and is worth 40% of the A level grade.

GROUPINGS

Approximate group size; 10 -20 students. This group is further split into the specific endorsements. The Photography group is taught separate to the Fine Art and Art, Craft and Design group and is approximately 10-20 students.

SUPERVISED STUDY INFORMATION

Students can sign in on a signing in sheet in the Art department and create practical work as and when required in their supervised study times. Other tasks include; Writing in-depth using specialist vocabulary about how artists, designers and photographers connect to your own ideas and area of study. Working on drafts for your written personal investigation.



EXTENDED STUDY INFORMATION

- Visit galleries and museums once a month to see work first hand
- Read widely from the book list in the back of your handbook or in the department library.
- Visit the University library to keep up to date with current journals
- Participate in workshops and extra-curricular classes to explore a wide range of media, techniques and processes
- Attend talks by ex- students and artists showing in The Peacock Gallery
- Maintain a personal visual diary or journal to supplement your sketchbook
- Think outside the box; experiment with ideas and interpretations of artists work
- Watch films, read novels, see plays and make connections with your other A Level subjects
- Make visits to various locations or set up your own directed scenario for photography, take every opportunity to travel
- Set up a work experience with a designer, architect, or art –related work studio

ENRICHMENT OPPORTUNITIES

The department runs trips and visits to major national galleries, museums and sculpture parks throughout the year. Students are offered workshops in printmaking and ARTiculation and other media connected to their interests. Students are also encouraged to take part in the wide range of art courses in the community such as Life Drawing.

Visits to Art galleries and museums such as; The Tate Modern, The National Gallery, The National Portrait Gallery, The Saatchi Gallery, The V and A museum, The photographers' Gallery, The Cass Foundation (Goodwood Sculpture Park), Roche Court Sculpture Park are all Recommended depending on your personal theme being studied.

These galleries, museums and sculpture parks all have book shops where you might purchase books relevant to your area of interest.

EQUIPMENT NEEDED

Sketchbooks, A3 or A4 These can be purchased in school at any time.

An A1 portfolio to protect work created on the course.

Recommended equipment; A set of drawing pencils, watercolours. A camera or phone for taking photographs.

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Miss K Wragg



TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	An exploration of the NEA ; Component 1 Portfolio. 60% of the overall exam grade. Drawing, observation, exploring and experimenting with new materials, researching artists/practitioners writing about them. Creating an ambitious out - come or FINAL PIECE. Visit to Tate Modern.	Completion of the NEA ; Component 1 Portfolio. 60% of the overall exam grade Refining and completing all of the 4 assessment criteria Drafting and Writing and completing a 1,000 to 3,000 word essay. Creating an ambitious out - come or FINAL PIECE. Visit to Tate Modern. Articulation a public speaking competition about Art.
ASSESSMENT OPPORTUNITIES	Individual work in response to the student's chosen topic. Milestones connected to each assessment criteria	Individual work in response to the student's chosen topic. Milestones connected to each assessment criteria
2	Refining their experimental portfolio and adding support work/a short project. Issue of UNIT 2 (the Controlled Test) A practice of the assessment in Year 13	Refining portfolio and adding support work. Issue of Component 2 (the Controlled Test)
ASSESSMENT OPPORTUNITIES	Individual work in response to the student's chosen route of enquiry. Project questions, Milestones connected to each assessment criteria.	Individual work in response to the student's chosen exam question Milestones connected to each assessment criteria. A2 15 hour 3 day examination
3	Refining and concluding all NEA work and final pieces. Preparing ideas and themes for Year 13. Visit to Roche Court Sculpture Park to develop ARTiculation. (Extended discussion about pieces of sculpture and Art.)	Refining and concluding all NEA; Component 2 Controlled Test work and final pieces. 15 hour 3 day practical examination
ASSESSMENT OPPORTUNITIES	Year 12 PPE examination Portfolio and controlled test marking And moderation	Portfolio and controlled test marking And moderation FINAL EXAMINATIONS



BIOLOGY: AQA ([BACK TO CONTENTS](#))

OVERVIEW

This course encourages students to sustain and develop their enjoyment of and interest in biology. Students will study range of key biological principles including human biology, biochemistry, immunology, genetics, cell biology and plant biology. They will be able to further develop their understanding of the topics studied at GCSE in addition to learning about new areas of biology.

Students are required to complete practical work in the form of required practical's, which aim to prepare students for practical investigations post A level. Many of the skills acquired on this course will be important to the student in any future endeavours or occupations. Most students pursue biology related studies and occupations in for example: medicine, veterinary science, dentistry, physiotherapy, nursing, radiography, horticulture, crop sciences/management, pest control, soil science, food sciences, biochemistry, pathology, microbiology, conservation, environmental health.

Entry Requirements

Students applying to study biology in the Sixth Form must have achieved a grade 6 in biology or grade 6-6 in combined science. Students must also gain a grade 6 in both GCSE English and mathematics. Those who intend to pursue biology or related subjects in Higher Education are also advised to study chemistry at A level.

ASSESSMENT OBJECTIVES

The exams will measure how students have achieved the following assessment objectives.

AO1: Demonstrate knowledge and understanding of scientific ideas, processes, techniques and procedures

AO2: Apply knowledge and understanding of scientific ideas, processes, techniques and procedures: in a theoretical context in a practical context when handling qualitative data when handling quantitative data

AO3: Analyse, interpret and evaluate scientific information, ideas and evidence, including in relation to issues, to make judgements and reach conclusions develop and refine practical design and procedures.

ASSESSMENT STRUCTURE

The A level will be assessed through three two-hour examinations. Examination papers will consist of written theory papers and assessment of practical skills. A Level examination papers will consist of a mixture of short and long answer questions, including comprehension and synoptic questions, which will include an essay question. Students will carry out a number of assessed practicals. Understanding of practical skills and investigations will also be assessed in the written examination papers. Students will obtain a pass in the practical endorsement of the course if they meet the practical criteria.

GROUPINGS

We are a popular subject and generally have 3 groups in year 12. Group sizes vary up to 18 in a group.

HOMEWORK INFORMATION

Students will regularly be set homework activities, including past paper questions and consolidation work.



EXTENDED STUDY INFORMATION

- Use the biofactsheets to supplement your understanding of key topics
- Refer to additional texts books as recommended in the Biology Student handbook
- Utilise the department support booklets for mathematical skills, practical skills and examination technique available via google classroom.
- Subscribe to Biological Sciences Review or read Department copy
- View television programs on Biological topics being studied
- Read Science sections of newspaper which cover Biological topics, particularly note the discussions that are raised with ethical, moral or social considerations

ENRICHMENT OPPORTUNITIES

Biology Olympiad, Biology boost sessions, Biology conference to develop essay skills. Science Fayre

EQUIPMENT NEEDED

Textbook, Scientific Calculator, ruler

HOW CAN PARENTS SUPPORT THEIR CHILDREN?

The course will cover some quite complex scientific ideas, encourage your child to discuss with you what they are learning. If they can explain the processes clearly to another, it really helps to develop their own understanding.

Encourage your child to read around the subject and to create a study timetable to support them with deadlines and consolidating the material covered.

USEFUL ONLINE INFORMATION/ONLINE RESOURCES

www.aqa.org.uk

<https://senecalearning.com/en-GB/blog/a-level-biology-revision/>

<http://www.aqa.org.uk/subjects/science/as-and-a-level/biology-7401-7402>

TEXTBOOKS OR REVISION GUIDES

Students should purchase the course-book, approved by AQA, entitled **AQA Biology**, by Glenn Toole and Susan Toole (ISBN 978-0-19-835176-4). This book will be used to set homework and will be used regularly in class. It can be bought online, from most book shops. Please ensure that this is the correct book.

Note that this book will only contain the content for the first year of A level (year 12) and that another book, AQA Biology A Level Year 2 Student Book ISBN ISBN 978-0198357704 will have to be purchased for the second year (year 13).

This Head Start book is a good way to bridge the gap between GCSE and A-Level Biology. It recaps all the crucial topics you'll need to remember from GCSE, with crystal-clear study notes and examples, plus practice questions to test your understanding. This will be available for approx. £4.95

ISBN: 978 1 78294 279 5

10% of the A level Biology questions will involve testing your mathematical skills. This Essential maths skills book covers the mathematical skills expected of an A level student and could be a useful support reference. This is available for approx. £7.95

ISBN: 978-1847623232

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Mrs M. Bhattacharjee



TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	Biochemistry Cell Biology	Inheritance Photosynthesis
ASSESSMENT OPPORTUNITIES	End of topic assessments which are skills based and PPE	End of topic assessments which are skills based and PPE
2	Cell membrane Exchange Nucleic acids ATP and Water	Gene Expression Respiration
ASSESSMENT OPPORTUNITIES	End of topic assessments which are skills based	End of topic assessments which are skills based
3	Exchange Cont Nucleic acid, ATP water Cont immunology	DNA technology Survival and response
ASSESSMENT OPPORTUNITIES	End of topic assessments which are skills based	End of topic assessments which are skills based
4	Animal Transport Plant transport Digestion Variation Genetic diversity	Homeostasis Nervous system
ASSESSMENT OPPORTUNITIES	End of topic assessments which are skills based	End of topic assessments which are skills based and PPE
5	Nutrient cycles. (Nitrogen and Carbon) Succession Populations and ecosystems Investigating populations Variation in population size Succession Investigating biological problems Energy transfer and energy and food production Revision and Past paper practice	Homeostasis cont Muscles Essay Practice Revision
ASSESSMENT OPPORTUNITIES	End of topic assessments which are skills based and PPE	End of topic assessments which are skills based
6		
ASSESSMENT OPPORTUNITIES	Year 12 Exam	FINAL EXAMINATIONS



BTEC Level 3 Nationals AAQ Medical Science: Pearson ([BACK TO CONTENTS](#))

OVERVIEW

BTEC Nationals in AAQ Medical Science are a great choice for students looking for a career where they can make a difference to the health and lives of others. The course gives students a broad understanding of biological principles including cells, tissues, biological molecules, genetics, immunology and practical microbiology as well as diseases, diagnostic techniques and treatments.

BTEC Medical Science embodies a fundamentally learner-centred approach to the curriculum, with a flexible, unit-based structure and knowledge applied in project-based assessments. Learners focus on the holistic development of the practical, interpersonal and thinking skills required to be able to succeed in employment and higher education.

Entry Requirements

Students applying to study BTEC extended certificate in Applied Human Biology in the Sixth Form must have achieved 5-5 for Combined Science or 5 for GCSE Biology. Students must also gain a grade 5 in both GCSE English and Mathematics

ASSESSMENT OBJECTIVES

The exams will measure how students have achieved the following assessment objectives.

AO1 Demonstrate knowledge and understanding of scientific concepts and theories, terminology, definitions and scientific formulae used in human physiology, anatomy, pathology and also in context of health issues and scientific reporting.

AO2 Apply knowledge and understanding of scientific concepts and theories, procedures, processes and techniques relating to scientific reporting and human physiology, anatomy and pathology in given contexts.

AO3 Analyse and interpret scientific information relating to human physiology, anatomy, pathology and scientific reporting.

AO4 Make judgements or conclusions using scientific concepts, procedures, processes and techniques relating to health issues and scientific reporting.

ASSESSMENT STRUCTURE

A range of assessment types and styles are there to suit the vocational qualifications. There are three main forms of assessment that you need to be aware of: external, internal and synoptic.

Externally-assessed units

Each external assessment for a BTEC National is linked to a specific unit. The units developed for external assessment are of 90 or 120 GLH (guided learning hours) to allow learners to demonstrate breadth and depth of achievement. Each assessment is taken under specified conditions, then marked by Pearson and a grade awarded. Learners are permitted to resist external assessments during their programme.

Internally-assessed units

Units in the section are internally assessed and subject to external standards verification.

This means that assignments are set and assessed in school and a sample is sent for external verification.



Course work ensures that learners are assessed using a variety of styles to help them develop a broad range of transferable skills. Learners could be given opportunities to:

- write up the findings of their own research
- use case studies to explore complex or unfamiliar situations
- carry out projects for which they have choice over the direction and outcomes
- demonstrate practical and technical skills using appropriate equipment and processes.

Synoptic assessment

Synoptic assessment requires learners to demonstrate that they can identify and use effectively, in an integrated way, an appropriate selection of skills, techniques, concepts, theories and knowledge from across the whole sector as relevant to a key task. BTEC learning has always encouraged learners to apply their learning in realistic contexts using scenarios and realistic activities that will permit learners to draw on and apply their learning. For these qualifications we have formally identified units that contain a synoptic assessment task. Synoptic assessment must take place after the teaching and learning of other mandatory units in order for learners to be able to draw from the full range of content. The synoptic assessment gives learners an opportunity to independently select and apply learning from across their programmes in the completion of a vocational task.

GROUPINGS

Students have expressed a lot of interest in BTEC Medical Science course. Group size will vary upto a maximum of 14 students.

HOMEWORK INFORMATION

Students will regularly be set homework activities. The homework tasks will vary depending on the modules. Homework activities could include past paper questions, consolidation of work or tasks related to course work.

EXTENDED STUDY INFORMATION

- Articles will be provided to supplement your understanding of key topics
- Watch television programs on Biological topics being studied
- Read Science sections of newspaper which cover Biological topics, particularly note the discussions that are raised with ethical, moral or social considerations

ENRICHMENT OPPORTUNITIES

Science Fayre

Healthcare work experience and support with application process through **Medic mentor**

EQUIPMENT NEEDED

Calculator, ruler, Folder, Medical Science Text book



HOW CAN PARENTS SUPPORT THEIR CHILDREN?

The course will cover some quite complex scientific ideas, encourage your child to discuss with you what they are learning. If they can explain the processes clearly, it really helps to develop their own understanding.

Encourage your child to read around the subject and to create a study timetable to support them with deadlines and consolidating the material covered. It is really important to be organised and meet deadlines particularly for coursework.

USEFUL ONLINE INFORMATION/ONLINE RESOURCES

<https://qualifications.pearson.com/content/dam/pdf/btec-aags/medical-science/2025/specification-and-sample-assessments/btec-l3-medical-science-aag-spec.pdf>

TEXTBOOKS OR REVISION GUIDES

Need medical science text books in lessons and for completing homework ISBN –10 1292487097; ISBN –13 978-1292487090

Note that all students will need folders with dividers ready for the course.

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Mrs M Bhattacharjee



TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	Fundamental development and function	Contemporary Health Issues
ASSESSMENT OPPORTUNITIES	End of topic assessments which are skills based	End of topic assessments which are skills based
2	Immune response, dysfunction and diagnosis of immune disorders	Interpretation, analysis and evaluation of scientific information
ASSESSMENT OPPORTUNITIES	End of topic assessments which are skills based	End of topic assessments which are skills based
3	Genetics and health	Scientific reporting
ASSESSMENT OPPORTUNITIES	End of topic assessments and PPE for January external examination	End of topic assessments and PPE for January external examination
4	Understand the classification and nature of microorganisms Examine the transmission and treatments of infectious diseases	Optional topic to be decided by school
ASSESSMENT OPPORTUNITIES	Coursework - Learners individually carry out research and gather evidence for their portfolios, completing any necessary learner tasks.	Coursework - Learners individually carry out research and gather evidence for their portfolios, completing any necessary learner tasks.
5	Explore the application of techniques to culture and identify microorganisms	Optional topic to be decided by school
ASSESSMENT OPPORTUNITIES	Coursework - Learners individually carry out research and gather evidence for their portfolios, completing any necessary learner tasks.	Coursework - Learners individually carry out research and gather evidence for their portfolios, completing any necessary learner tasks.
6	Investigate the effect of antimicrobial agents on the growth of microorganisms	Optional topic to be decided by school
ASSESSMENT OPPORTUNITIES	Coursework - Learners individually carry out research and gather evidence for their portfolios,	Coursework - Learners individually carry out research and gather evidence for their portfolios,



	completing any necessary learner tasks.	completing any necessary learner tasks.
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BUSINESS STUDIES: AQA([BACK TO CONTENTS](#))

OVERVIEW

After leaving full-time education many students will work in business. Whether they set up their own company or work for a large multinational, it is important that students understand how it works. Business Studies at A Level offers this opportunity in a structured, stimulating and interesting way. Universities offer a wide range of courses in many different areas; by studying A Level Business Studies, students will gain an insight into which specific area interests them most. Above all, Business Studies allows students to understand how businesses make decisions and why these are made. The Business Studies Department believe in a business-like work ethic. Lessons are innovative and interesting, based on a wide range of teaching and learning styles which help to bring the subject alive.

SUBJECT CONTENT

The course follows the AQA Syllabus and studies a variety of contexts e.g. large/small, UK focused/global, service and manufacturing firms. It considers:

The importance of the context of the business in relation to decision making

The interrelated nature of business activities and how they affect competitiveness

The competitive environment and the markets in which businesses operate

The influences on functional decisions and plans including ethical and environmental issues

How technology is changing the way decisions are made and how business operate and compete

Use of quantitative and non-quantitative data in decision making.

ENTRY REQUIREMENTS

Students will require at least five grade 4 or above at GCSE or equivalent; sound Mathematics and English Language skills, coupled with a strong ability to work independently. Sound Mathematics is particularly important for the calculation of functional KPIs throughout the course. A Level Business Studies is open to anyone regardless of whether or not they have studied the GCSE course; however, if the subject has been studied at KS4, any student wishing to pursue A Level should have achieved a Grade 5 or equivalent.

ASSESSMENT OBJECTIVES

The exams will measure how well students have achieved the following assessment objectives.

AO1: Demonstrate knowledge of terms, concepts, theories, methods and models to show an understanding of how individuals and organisations are affected by and respond to business issues.

AO2: Apply knowledge and understanding to various business contexts to show how individuals and organisations are affected by and respond to issues.

AO3: Analyse issues within business, showing an understanding of the impact on individuals and organisations of external and internal influences.

AO4: Evaluate quantitative and qualitative information to make informed judgements and propose evidence-based solutions to business issues.

ASSESSMENT STRUCTURE

There are three A level papers, each lasting two hours; each is worth 1/3 of the overall grade. Paper 1 is based on Unit 1. Paper 2 is based on Unit 2 (with elements of Unit 1). Paper 3 is synoptic.

GROUPINGS

Our groups are between 20-28 students and we have up to 3 classes in each year group

SUPERVISED STUDY INFORMATION

Consolidation of classroom lesson notes and completion of extra practice questions from the textbook is expected. In addition, the following activities should be completed: preparation and reading for the upcoming lessons; essay planning; reading around the subject (e.g. the business news); completion of research and/or presentations for forthcoming lessons.

EXTENDED STUDY INFORMATION

- Business Studies specific online tasks



	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	Unit 1: What is business? Managing Marketing & Finance Topics covered: 1. Business & objectives 2. Forms of business & stakeholders 3. Marketing management 4. Financial management	Unit 3: Business & Society, Business & the External Environment, Business Strategy Topics covered: 1. Business and society 2. Business & the external environment 3. Strategy 4. Change
ASSESSMENT OPPORTUNITIES	End of sub-unit milestones, practice questions from textbook & exam papers, and case studies	End of sub-unit milestones, practice questions from textbook & exam papers, and case studies; Y13 Prelims
2	Unit 2: Managing People & Operations Topics covered: 1. People management 2. Operations management 3. Managing business culture	
ASSESSMENT OPPORTUNITIES	End of sub-unit milestones, practice questions from textbook & exam papers, and case studies; Y12 Prelims	FINAL EXAMINATIONS
• Extensive case study work • Familiarity with current affairs • Read/subscribe to the Business Review, Economics Today, The Economics Review or The Economist • Reading or researching the broadsheet papers (The Independent, The Times, The Guardian, The Daily Telegraph, The Financial Times). You will need to get in the habit of scanning through newspapers and identifying relevant articles. • Follow the business studies blog on www.tutor2u.net or sign up to follow Geoff Riley on twitter • Set www.bbc.co.uk/news as your homepage, looking especially at the business news • Explore http://www.bized.co.uk , http://www.thetimes100.co.uk and listen to www.bbc.co.uk/radio/podcasts/worldbiz and www.bbc.co.uk/fivelive/programmes/weekendbusiness.shtml		
ENRICHMENT OPPORTUNITIES The Business Studies department offers extra-curricular activities including a day-long business-focused competition against other schools run by Reading University		
EQUIPMENT NEEDED Basic pencil case contents (black and green pens, ruler, pencil, highlighters); calculator; hole punch; folder & dividers; lined paper; textbook		
CONTACTS / ANY FURTHER INFORMATION Curriculum Leader: Mrs J. Kaiser-Cook		



OVERVIEW

BTEC Business Studies Level 3 is a vocational course offering students the opportunity to involve themselves in extended research and report-writing, based on real businesses. Employers and providers of apprenticeships value this course highly as the emphasis is on independent research, with synthesis and analysis of quantitative and qualitative data leading to evaluative and well-supported judgements on what makes a business successful or innovative. Students find themselves developing effective and reflective ways of working, whilst analysing features of different businesses in a variety of engaging and interesting ways.

SUBJECT CONTENT

The course follows the Pearson Edexcel Syllabus and studies a variety of contexts e.g. large/small, UK focused/global, service and manufacturing firms.

The compulsory element of the learning programme covers the following content areas:

- Unit 1: business features & environments and how these contribute to success
- Unit 2: marketing
- Unit 3: personal & business finance

The optional unit has been chosen to allow students to draw on their own experience of employment, where this is relevant, as well as practising real life recruitment and selection scenarios and undertaking a skills audit in readiness for future employment:

- Unit 8: recruitment and selection

ENTRY REQUIREMENTS

Students will require at least five grade 4 or above at GCSE or equivalent; sound mathematics and English language skills, coupled with a strong ability to work independently. Sound mathematics is particularly important for the accounting and finance aspects of the course. A level business studies is open to anyone regardless of whether they have studied the GCSE course.

ASSESSMENT OBJECTIVES

The assessments will measure how well students have achieved the following assessment objectives:

AO1: Demonstrate knowledge of terms, concepts, models to show an understanding of how individuals and organisations are affected by and respond to business issues.

AO2: Apply knowledge and understanding to various business contexts to show how individuals and organisations are affected by and respond to issues.

AO3: Analyse issues within business, showing an understanding of the impact on individuals and organisations of external and internal influences.

AO4: Evaluate quantitative and qualitative information to make informed judgements and propose evidence-based solutions to business issues.

ASSESSMENT STRUCTURE

2 internally assessed project-based coursework assignments

2 externally assessed exams

GROUPINGS

Our groups are between 15-25 and we have up to 2 classes in each year group

SUPERVISED STUDY INFORMATION

Consolidation of classroom lesson notes. Preparation and reading for upcoming lessons. Practice questions from past papers (for units 2 & 3).

EXTENDED STUDY INFORMATION

- Business Studies-specific online tasks
- Extensive case study work
- Familiarising yourself with current affairs
- Reading or researching the broadsheet papers (The Independent, The Times, The Guardian, The Daily Telegraph, The Financial Times). You will need to get in the habit of scanning through newspapers and identifying relevant articles
- Follow the business studies blog on www.tutor2u.net



- Set www.bbc.co.uk/news as your homepage, looking especially at the business news
- Read books from the core and recommended reading list: Pearson BTEC National Business, Students book 1, 2016 specification
- Explore <http://www.bized.co.uk>, <http://www.thetimes100.co.uk> and listen to www.bbc.co.uk/radio/podcasts/worldbiz and www.bbc.co.uk/fivelive/programmes/weekendbusiness.shtml

ENRICHMENT OPPORTUNITIES

The Business Studies department offers extra-curricular activities including a day-long business-focused competition against other schools run by Reading University

EQUIPMENT NEEDED

Black and green pens

Calculator

Hole punch

Folder

Lined paper

Textbook (optional)

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Mrs J. Kaiser-Cook



TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	Unit 1 Exploring Business A Explore the features of different businesses and analyse what makes them successful B Investigate how businesses are organised C Examine the environment in which businesses operate	Unit 3 Personal and Business Finance Unit 8 Recruitment and Selection A: Examine how effective recruitment and selection contribute to business success
ASSESSMENT OPPORTUNITIES	Mock assignment	Mock assignment and Prelims
2	D Examine business markets E Investigate the role and contribution of innovation and enterprise to business success.	B: Undertake a recruitment activity to demonstrate the processes leading to a successful job offer C: Reflect on the recruitment and selection process and your individual performance
ASSESSMENT OPPORTUNITIES	Final assignment hand in	January and May exams, final submissions
3	Unit 2 Developing a marketing campaign Unit 3 Personal and Business Finance	
ASSESSMENT OPPORTUNITIES	Prelims and End of year Exam	



CHEMISTRY: OCR ([BACK TO CONTENTS](#))

OVERVIEW

As well as being a compulsory requirement for such courses as medicine, dentistry, forensic science and pharmacy, chemistry is a highly regarded qualification, which complements many other disciplines. Chemicals like cosmetics, foods, medicines, fertilisers and fuels all play a very important role in our lives and therefore generate numerous interesting employment opportunities. By helping to develop analytical thought it is a real asset to those seeking careers in such areas as law and business management. The course is designed to stimulate and sustain interest in chemistry. It shows the inter-relationship between the development of the subject and its application to our lives. It illustrates its value to society and how it may be used responsibly. It fosters imaginative and critical thinking as well as the acquisition of knowledge. Through practical work, skills in laboratory procedures and techniques are developed, and some of the concepts underlying the subject are discovered.

SUBJECT CONTENT

Students follow the OCR A syllabus. The course content takes familiar themes from GCSE and develops them further, as well as introducing new ideas. The programme of study is as follows: Module 1 – Development of practical skills in chemistry: this module is taught in context throughout the two years. Year 12 Module 2 – Foundations of chemistry: structure of an atom; bonding; chemical calculations; acids and bases; redox reactions. Module 3 – Periodic table and energy: modern periodic table; periodicity; group 2; halogens; enthalpy changes; rates of reaction; chemical equilibrium. Module 4 – Core organic chemistry: basic concepts; alkanes; alkenes; alcohols; haloalkanes; analysis. Year 13 Module 5 – Physical chemistry and transition Elements: further rates of reaction; further chemical equilibrium; further acids and bases; thermodynamics; redox and electrode potentials; transition elements. Module 6 – Organic chemistry and analysis: aromatic compounds; carbonyls and carboxylic acids; amines, amino acids and polymers; organic synthesis; further analysis.

ENTRY REQUIREMENTS

Students applying to study chemistry in the Sixth Form must have achieved a grade 6 in chemistry or a grade 6-6 in combined science. Students must also gain a grade 6 in mathematics.

ASSESSMENT OBJECTIVES

There are three assessment objectives in OCR's A Level in Chemistry A. These are detailed in the table below. Learners are expected to demonstrate their ability to:

Assessment Objective

- AO1** Demonstrate knowledge and understanding of scientific ideas, processes, techniques and procedures.
- AO2** Apply knowledge and understanding of scientific ideas, processes, techniques and procedures:
- in a theoretical context
 - in a practical context
 - when handling qualitative data
 - when handling quantitative data.
- AO3** Analyse, interpret and evaluate scientific information, ideas and evidence, including in relation to issues, to:
- make judgements and reach conclusions
 - develop and refine practical design and procedures.

ASSESSMENT STRUCTURE

Paper 1 – Periodic table, elements and physical Chemistry (2.25 hrs, modules 2, 3 and 5). Paper 2 – Synthesis and analysis (2.25 hrs, modules 2, 4 and 6). Paper 3 – Unified chemistry (1.5 hrs, all modules). Students must complete a minimum of 12 core practical tasks. The concepts met in these are assessed through examination questions in all three papers. Students also receive a stand-alone grade for their practical competency (pass/fail), which does not contribute to their overall A level grade.

GROUPINGS

Depending on intake size there are usually two or three groups, with a maximum group size of 20.



SUPERVISED STUDY INFORMATION

A list of independent tasks provided throughout the course

USEFUL ONLINE INFORMATION/ONLINE RESOURCES

www.ocr.org.uk

www.chemguide.co.uk

TEXTBOOKS OR REVISION GUIDES

Students should purchase the course-book, approved by OCR, entitled **A Level Chemistry for OCR**, by Rob Ritchie and Dave Gent (ISBN 978-0-19-835197-9). This book covers both years of the course and will be used to set homework and will be used regularly in class. It can be bought online and from most book shops. Please ensure that this is the correct book for the new, and not the old, specification.

EXTENDED STUDY INFORMATION

- Use the chemistry honesty library
- Read scientific publications
- Use resources available on Google classroom

ENRICHMENT OPPORTUNITIES

Each year some of our Year 13 students take part in the British Chemistry Olympiad. We are also encouraging Year 12 students to take part in the online Cambridge chemistry challenge. We have links with Reading University, and students have attended Careers Fairs and Spectroscopy Master Classes there.

EQUIPMENT NEEDED

Calculator and ruler required

Folders with dividers ready for starting the course

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Mrs S Gibson (Head of Chemistry)



TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	Atoms and reactions Electrons, bonding and structure	Rates Equilibrium Carbonyls Aromatics
ASSESSMENT OPPORTUNITIES	Multi step calculations Academic writing Topic Tests	Academic writing PPEs
2	Periodic table Basic concepts of hydrocarbons	Acid, Bases, pH and Buffers Nitrogen Chemistry Analysis Synthesis
ASSESSMENT OPPORTUNITIES	Academic writing Topic Tests	Academic writing Multi step calculations Reaction pathways
3	Energy and Entropy Transition Metals, Ecell and Redox Alcohols and haloalkanes Analysis	
ASSESSMENT OPPORTUNITIES	Academic writing Multi step calculations	Final examinations

COMPUTER SCIENCE: AQA ([BACK TO CONTENTS](#))

OVERVIEW

This course will mostly suit students wishing to pursue a career in software engineering and/or games development but will develop a range of skills that are transferable to many other career paths. Students will learn to devise systems and programs for a range of applications. In addition to gaining a strong theoretical knowledge of the science of computing and programming, students will develop their problem solving skills through tasks that require them to provide real solutions to real problems, such as writing computer game, applications of artificial intelligence or developing mobile apps. Whilst students will obviously develop their Computer Science skills further through studying this course, they will also gain important experience of working independently, planning and managing their time effectively and their written communication skills. Computer Science is an exciting, interesting and highly relevant course for A level students.

SUBJECT CONTENT

This course will test your ability to program, as well as your theoretical knowledge of Computer Science. There are two exam papers and an assignment covering a range of topics, including:

- Fundamentals of programming, data structures, data representation and databases
- Systematic approach to problem solving
- Theory of computation
- Fundamentals of computer systems, computer organisation, functional programming and architecture
- Consequences of uses of computing
- Fundamentals of communication and networking
- Big Data

ENTRY REQUIREMENTS

Grade 6 in GCSE Maths and Grade 6 in GCSE Computer Science. Students must be highly logical and have an analytical approach to problem solving. They must overall be patient and never give up on trying to solve problems.

ASSESSMENT OBJECTIVES



AO1: Demonstrate knowledge and understanding of the principles and concepts of computer science, including abstraction, logic, algorithms and data representation.

AO2: Apply knowledge and understanding of the principles and concepts of computer science, including to analyse problems in computational terms.

AO3: Design, program and evaluate computer systems that solve problems, making reasoned judgements about these and presenting conclusions.

ASSESSMENT STRUCTURE

There are two exam papers which account for 40% of the marks each. The NEA accounts for 20%. For the exam papers you will be expected to answer a series of short questions and write/adapt/extend programs. You will also be given preliminary material, a skeleton program and test data for use in the exam.

Assessment (NEA) - This is fundamentally a computer project. The project will allow you to develop your practical skills in the context of solving a realistic problem or carrying out an investigation. The project is intended to be as much a learning experience as a method of assessment; you have the opportunity to work independently on a problem of interest over an extended period, during which you can extend your programming skills and deepen your understanding of Computer Science. The most important skill that will be assessed through the project is your ability to create a programmed solution to a problem or investigation.

GROUPINGS

In KS5 Computer Science, we usually have one class of up to 25 students

SUPERVISED STUDY INFORMATION

Additional reading and coding tasks

EXTENDED STUDY INFORMATION

Reading around the subject; Using Google Classroom resources; Listening to TED talks; Reading Computer Science related articles

ENRICHMENT OPPORTUNITIES

Many trips or points of interest advertised on Google Classroom or on our department Twitter feed: @METCompSci. Students are encouraged to take part in the Computer Science after school club and to attend additional classes after school, allowing students access to the network to explore additional languages or topics.

EQUIPMENT NEEDED

Access to a computer with WWW access.

Ability to download software (Visual Studio Community Edition) to access programming content

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Miss F Brooke and Mrs S Blight



TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	Material properties and understanding of material limitations.	NEA development Material properties
ASSESSMENT OPPORTUNITIES	Topic tests Exam questions	Topic tests Exam questions
2	Theory about materials, products and designers.	NEA practical
ASSESSMENT OPPORTUNITIES	Topic tests Exam questions	Topic tests Exam questions
3	Health and safety, material availability and manufacturing systems.	Legislation Health and safety NEA
ASSESSMENT OPPORTUNITIES	Topic tests Exam questions	Topic tests Exam questions
4	Designers, design movements and enterprise Start the NEA	Designs and design styles Revision NEA
ASSESSMENT OPPORTUNITIES	Topic tests Exam questions	Topic tests Exam questions
5	Social, moral and ethical design. Revision NEA research	Revision for Exams
ASSESSMENT OPPORTUNITIES	Past papers	
6	NEA designs	
ASSESSMENT OPPORTUNITIES	Topic tests Exam questions	FINAL EXAMINATIONS



PRODUCT DESIGN: AQA ([BACK TO CONTENTS](#))

OVERVIEW

Product Design is an important A level due to the variety of problem solving, team work and independent tasks that make up both the coursework element and the exam.

Studying Product Design gives pupils the broad theoretical knowledge and practical skillset needed to use production methods and materials creatively. Students are able to explore who they are as a designer and the areas that most appeal to them, ranging from designers to materials and production techniques. The subject builds on the skills from GCSE and gives students the option to find their own pathway in the numerous aspects of the subject.

Product Design opens the door to a huge variety of career options. The skills developed help with any career linked with creativity, project management, communication, higher level thinking and problem solving. These skills are multi-disciplinary and transferable to a wide range of career pathways making this subject a very attractive option.

SUBJECT CONTENT

The specification for this course covers both theory and practical. The theory work includes topics on material properties, CAD, design influence, sustainability and designers, amongst other topics. The course is delivered through NEA and exam preparation with students often developing both simultaneously. The knowledge built within the NEA element is also applicable to the exam.

ENTRY REQUIREMENTS

It is recommended that students have a minimum grade 7 in a Design and Technology GCSE subject, and grade 6 in Maths and science, along with a keen interest in the course

ASSESSMENT OBJECTIVES

Assessment objectives (AOs)	Component weightings			Overall weighting
	Paper 1	Paper 2	NEA	
AO1			15	15
AO2			25	25
AO3	7.5	7.5	10	25
AO4	22.5	12.5		35
Overall weighting of components	30	20	50	100

Component	Maximum raw mark	Scaling factor	Maximum scaled mark
Paper 1	120	x1	120
Paper 2	80	x1	80
NEA	100	x2	200
Total scaled mark:			400



ASSESSMENT STRUCTURE

Paper 1
What's assessed Technical principles
How it's assessed • Written exam: 2 hours and 30 minutes • 120 marks • 30% of A-level
Questions Mixture of short answer and extended response.
Paper 2
What's assessed Designing and making principles
How it's assessed • Written exam: 1 hour and 30 minutes • 80 marks • 20% of A-level
Questions Mixture of short answer and extended response questions. Section A: • Product Analysis: 30 marks • Up to 6 short answer questions based on visual stimulus of product(s). Section B: • Commercial manufacture: 50 marks • Mixture of short and extended response questions
Non-exam assessment (NEA)
What's assessed Practical application of technical principles, designing and making principles.
How it's assessed • Substantial design and make project • 100 marks • 50% of A-level
Evidence Written or digital design portfolio and photographic evidence of final prototype.

GROUPINGS

Groups are max 15, mixed ability and mixed gender.

SUPERVISED STUDY INFORMATION

Students will be asked to complete outstanding NEA work, independent research and theory preparation. Study time for this course should be equally split with other subjects and it is recommended that students make use of the designated space in the department during this time.



EXTENDED STUDY INFORMATION
Students are expected to take an active interest in the subject. This includes visits to galleries, museums and shops, all of which relate to the work they complete. Students are also to extend their knowledge through past papers and watching programmes and films relating to the lessons.
ENRICHMENT OPPORTUNITIES
There will be several trips organised to accommodate students' needs for the NEA. Regular contact with outside companies allows students to seek advice and work to a client's needs.
EQUIPMENT NEEDED
All students need a sketch book and drawing materials. All other materials will be provided.
CONTACTS / ANY FURTHER INFORMATION
Curriculum Leader: Miss Sales & Miss Sunthareswaran



TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	Students study designers, design styles, material properties and manufacturing techniques.	Theory work in year 13 recaps the full theory taught in year 12 at a higher level of depth.
ASSESSMENT OPPORTUNITIES	Students are given past papers throughout the first half term.	NEA research and design ideas completed and assessed by teachers.
2	Students complete a group project in chair design	
ASSESSMENT OPPORTUNITIES	Students are assessed against the criteria set at the start of the project	NEA ideas, development and prototype models assessed. Theory work assessed regularly.
3	Students study material properties and product analysis	
ASSESSMENT OPPORTUNITIES	Students also complete a lamp project individually	NEA final ideas and prototypes assessed. Past exam papers completed and assessed.
4	Students are assessed through a mock paper and past paper questions	
ASSESSMENT OPPORTUNITIES	Students study material properties and production methods	NEA completion and final assessment.
5	Students are assessed through past paper questions	
ASSESSMENT OPPORTUNITIES	Students begin the NEA	Theory work and past paper assessment.
6	NEA is assessed regularly with class feedback given	
ASSESSMENT OPPORTUNITIES	Students continue with the NEA Assessment takes place in year 13	FINAL EXAMINATIONS



ECONOMICS: EDEXCEL A ([BACK TO CONTENTS](#))

OVERVIEW

A level economics is a rewarding intellectual experience, offering highly marketable skills in a way that is both stimulating and analytically rigorous. We encourage students to take a varied interest in current affairs and an understanding of what is going on around them within electronic and printed media. This course provides students with an insight into key issues in the news affecting everyday life. Why are oil prices so high? Why does the government provide free education for people up to 18? Why do economies experience recessions? Why is unemployment so high in some countries and what can be done about it? The study of economics provides us with answers to these questions and many more. Economics is at the heart of what drives many decisions in our modern world.

SUBJECT CONTENT

Students will cover the following four key themes: Theme 1: students will study microeconomic concepts. Students will develop an understanding of the nature of economics, how markets work, market failure and government intervention. Theme 2: students will study macroeconomic concepts. Students will develop an understanding of the measures of economic performance, aggregate demand, aggregate supply, national income, economic growth and macroeconomic objectives and policy. Theme 3: this theme develops the microeconomic concepts introduced in Theme 1 and focuses on business economics. Students will develop an understanding of business growth, business objectives, revenues, costs and profits, market structures, the labour market and government intervention. Theme 4: this theme develops the macroeconomic concepts introduced in Theme 2 and applies these concepts in a global context. Students will develop an understanding of international economics, poverty and inequality, emerging and developing economies, the financial sector and the role of the state in the macroeconomy. Students build knowledge and understanding of core economic models and concepts in Themes 1 and 2, and then build on this and apply their knowledge to more complex concepts and models in Themes 3 and 4. Students will need to apply their knowledge and understanding to both familiar and unfamiliar contexts in the assessments and demonstrate an awareness of current economic events and policies.

ENTRY REQUIREMENTS

Students will require at least five grades 4 or above at GCSE or equivalent including at least a grade 5 in mathematics. Sound English language skills coupled with a strong ability to work independently are also desirable for this course. Therefore, it would be beneficial if students have achieved at least a 5 grade in English language. In addition to this, a natural interest in current affairs and the economy would be an advantage. A level economics is open to anyone regardless of whether or not they have studied the GCSE course.

ASSESSMENT OBJECTIVES

AO1 Demonstrate knowledge of terms/concepts and theories/models to show an understanding of the behaviour of economic agents and how they are affected by and respond to economic issues 28–30

AO2 Apply knowledge and understanding to various economic contexts to show how economic agents are affected by and respond to economic issues 28–30

AO3 Analyse issues within economics, showing an understanding of their impact on economic agents 20–22

AO4 Evaluate economic arguments and use qualitative and quantitative evidence to support informed judgements relating to economic issues 20–22 **Total 100%**

ASSESSMENT STRUCTURE

Students will sit three A level papers. Paper 1 will assess microeconomics and questions will be drawn from Themes 1 and 3. The paper is worth 35% of the overall qualification. Paper 2 will assess macroeconomics and questions will be drawn from Themes 2 and 4. This paper is also worth 35% of the overall qualification. Paper 3 will assess content across all four themes. Students are required to apply their knowledge and understanding, make connections and transfer higher-order skills across all four themes. This paper is worth 30% of the overall qualification.

GROUPINGS

Our groups are approximately 25 and we have 2 classes per year group

SUPERVISED STUDY INFORMATION

Consolidation of classroom lesson notes. Preparation reading for the upcoming lessons. Essay planning.

EXTENDED STUDY INFORMATION



- Fill in glossary of key terms
- Extensive case study work
- Familiarising yourself with current affairs
- Read/subscribe to the Economist, Economics Today, The Economics Review
- Reading or researching the broadsheet papers (The Independent, The Times, The Guardian, The Daily Telegraph, The Financial Times). You will need to get in the habit of scanning through newspapers and identifying relevant articles
- Follow the economics blog on www.tutor2u.net or sign up to follow Geoff Riley on twitter
- Set www.bbc.co.uk/news as your homepage, looking especially at the economics news
- Read books from the core and recommended reading list: Alain Anderton; Economics sixth edition.

ENRICHMENT OPPORTUNITIES

The Business Studies department offers many extracurricular activities to enrich the course. Such activities include. A trip to New York to explore the Economic capital of America.

EQUIPMENT NEEDED

Calculator, ruler and pencil required; Black and green pens; Calculator; Lined paper; Folder

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Mr A Stringer



TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	Theme 1: Introduction to markets and market failure. Topics covered: 1. The nature of economics 2. The nature of demand 3. The nature of supply 4. How markets work: price determination 5. How markets work: the price mechanism in action Theme 2: The UK economy – performance and policies. Topics covered: 1. Measures of economic performance: economic growth 2. Measures of economic performance: inflation, unemployment and the balance of payments 3. Aggregate demand 4. Aggregate supply	Theme 3: Business behaviour and the labour market. Topics covered: 1. Business growth 2. Market structure: perfect competition and monopoly 3. Market structure: monopolistic competition and oligopoly 4. Pricing strategies and contestable markets Theme 4: A global perspective. Topics covered: 1. Globalisation and trade 2. Trading blocs and restrictions on trade 3. The balance of payments and exchange rates 4. Poverty and inequality in developed and developing countries 5. Emerging and developing countries
ASSESSMENT OPPORTUNITIES	End of unit milestone	End of unit milestone PPE 2
2	Theme 1: Introduction to markets and market failure. Topics covered: 1. Market failure and externalities 2. Market failure: public goods and information gaps 3. Government intervention and government failure Theme 2: The UK economy – performance and policies. Topics covered: 1. National income and macroeconomic equilibrium 2. Economic growth 3. Macroeconomic policy objectives End of unit milestone End of unit milestone End of unit milestone End of unit milestone 4. Macroeconomic policies	Theme 3: Business behaviour and the labour market. Topics covered: 1. The labour market 2. Government intervention to promote competition Theme 4: A global perspective. Topics covered: 1. Promoting growth and development 2. The financial sector 3. The role of the central bank 4. The role of the state in the macroeconomy
ASSESSMENT OPPORTUNITIES	End of unit milestone	End of unit milestone PPE 3
3	Examination technique and revision for Theme 1 and Theme 2	Examination technique and revision for Themes 1-4
ASSESSMENT OPPORTUNITIES	End of unit milestone PPE 1	FINAL EXAMINATIONS



MAIDEN ERLEGH
SCHOOL





ENGLISH LANGUAGE: EDEXCEL ([BACK TO CONTENTS](#))

OVERVIEW

English language encourages students to develop their interest and enjoyment in the use of English, through learning more about its structures and functions. They learn to express themselves in speech and writing with increasing competence and sophistication. By learning about the concepts and linguistic frameworks for the study of language, they are able to investigate their own and others' use of speech and writing. English language is a subject for those who are intrigued by written and spoken texts in all forms, and develops linguistic, analytical and investigative skills.

SUBJECT CONTENT

We are following the Edexcel English language Specification. In component 1 (language variation) students will explore how and why language varies depending on mode, field, function and audience; they will also learn how and why language has changed from 1550 to the present day. In component 2 (child language), students will explore how children learn to speak and write English up to the age of 8, and develop an understanding of some of the key theories of children's language development. Component 3 (investigating language) allows students to develop their research and investigation skills, selecting a topic in which to develop their personal language specialism. Component 4 (crafting language) is the NEA: students will produce two pieces of original writing in the same genre for different audiences and an accompanying commentary reflecting on their linguistic choices.

ENTRY REQUIREMENTS

Students should have followed GCSE courses in English language and English literature, and gained at least a grade 5 in both. An enthusiasm for discussion and writing, and an interest in the way language is constructed for different audiences and purposes, are important attributes to bring to the course.

ASSESSMENT OBJECTIVES

AO1 Apply appropriate methods of language analysis, using associated terminology and coherent written expression

AO2 Demonstrate critical understanding of concepts and issues relevant to language use

AO3 Analyse and evaluate how contextual factors and language features are associated with the construction of meaning

AO4 Explore connections across texts, informed by linguistic concepts and methods

AO5 Demonstrate expertise and creativity in the use of English to communicate in different ways

ASSESSMENT STRUCTURE

Examinations (three papers) 80% Non-Examined Assessment 20%.

GROUPINGS

One group of approximately 20 students.

SUPERVISED STUDY INFORMATION

Consolidation of learning in lessons, updating glossaries and wider reading and research.

EXTENDED STUDY INFORMATION

- Reading acclaimed texts on the English language (e.g. David Crystal's Cambridge Encyclopaedia of English Language).
- Visiting appropriate websites (e.g. universalteacher.org.uk).
- Writing analyses of texts encountered in everyday life (e.g. the back of a Corn Flakes packet; the opening of Match of the Day; a note left by your mother).

ENRICHMENT OPPORTUNITIES

English Language Conference.

EQUIPMENT NEEDED

A folder with dividers, highlighters and a purple pen.

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Mrs A Webb



TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1 (Autumn 1)	Introduction to Key Concepts: Students are taught the key concepts and related terminology. This forms the basis for the study of language across the 4 components. Intro to Component 1: Individual Variation Intro to Component 2: Child Language	Component 4: NEA (drafting and improvements) Component 1: Variation Over Time Students will explore variation in the English language from c1550 (the beginnings of Early Modern English) to the present day. Students will apply appropriate methods of language analysis and demonstrate critical understanding of concepts and issues when evaluating a range of data. Students will explore: • the development of English as the national language • the cultural, social, political and technological influences that have changed English over time. Students will need to consider the effect of language variation over time across the language frameworks and levels, for example changes in: • the writing and spelling system (graphology and orthography) • pronunciation, evident in obsolete spelling and rhyme (phonology) • inflections, evident in verb endings and plurals (morphology) • sentence structures (syntax) • vocabulary, evident in pronoun usage and the incorporation of words from other languages (lexis) • meaning (semantics) • the form (style) and structure of whole texts (discourse). Component 3: Global English Students are introduced to the concept of Global English. Students will be given the opportunity to explore aspects of varieties of global English from outside the UK, such as Ireland, the Americas and the Caribbean, the Pacific and Australasia, Africa and South and Southeast Asia. This will help to prepare students prior to the Pre-Release of sub-topics in December.
ASSESSMENT OPPORTUNITIES	Terminology recall tests An extended writing settling in response applying terminology and showing analytical skills.	Draft NEA Piece 2 and Commentary



2 (Autumn 2)	Component 1: Individual Variation Students will explore how language choices reflect and construct the identity or identities of the user and vary depending on the contexts of production and reception. Students will apply appropriate methods of language analysis to a range of written, spoken or multimodal data from 21st-century sources, using the key language frameworks and levels. Students will demonstrate critical understanding of concepts and issues, exploring attitudes to language and using a descriptive approach to evaluate how an individual's language choices are affected by: • the mode, field, function and audience • geographical factors • social factors, such as gender, age, ethnicity and other social identities. Component 2: Child Language Students will explore: • spoken language acquisition between the ages of 0 and 8 • appropriate theories of children's language development.	Component 1: Variation Over Time Continued from Autumn 1 Component 2 Revision: Child Language - Spoken and Written Component 3: Introduction to Investigating Language (following pre-release from the board in December)
ASSESSMENT OPPORTUNITIES	Terminology/ Theory Tests Supported Essay writing Timed Essay Presentations	Terms / theory Tests Timed Essays / Supported Essays Presentation on a specific variety of Global English Final NEA Year 13 Prelim examination
3 (Spring 1)	Continuation of Autumn 2 Component 1: Individual Variation Students will explore how language choices reflect and construct the identity or identities of the user and vary depending on the contexts of production and reception. Students will apply appropriate methods of language analysis to a range of written, spoken or multimodal data from 21st-century sources, using the key language frameworks and levels. Students will demonstrate critical understanding of concepts and issues, exploring attitudes to language and using a descriptive approach to evaluate how an individual's language choices are affected by: • the mode, field, function and audience • geographical factors • social factors, such as gender, age, ethnicity and other social identities.	Revision for Component 1, Section B and 2 Prior to Preliminaries. Component 3: Investigating Language (following pre-release from the board) Students should carry out a focused investigation and ensure that they have researched the following aspects of their chosen subtopic, as appropriate: • the origins/development • the main features • different varieties • changing attitudes • the influence of social/historical/cultural factors. Students will use their research, the observations made in their investigation and the data they gather to inform their response in the examination.



	Component 2: Child Language Students will explore: • spoken language acquisition and how children learn to write between the ages of 0 and 8 • the relationship between spoken language acquisition and literacy skills that children are taught, including the beginnings of reading • appropriate theories of children's language development.	
ASSESSMENT OPPORTUNITIES	Terms/ Theory Tests Timed Essays	Prelim Examination 1: Paper 1, Section B Paper 2: CLA
4 (Spring 2)	Continuation of Spring 1	Component 3: Investigating Language Continues from Spring 1 Revision of Component 1 and Component 2 in preparation for Preliminaries.
ASSESSMENT OPPORTUNITIES	Terms/ Theory Tests Timed Essays	Prelim Examination 2: Paper 1, Section A and Section B Paper 2: CLA spoken or written
5 (Summer 1)	Plus Revision of Component 1, Section A and Component 2. Component 4: Crafting Language In the non-examination assessment, students will develop their research skills as they explore their selected writing genre and will demonstrate their skills as writers, crafting texts for different audiences and purposes. They will also reflect on their work in an accompanying commentary, making connections with their research.	Revision of Components 1, 2, and 3
ASSESSMENT OPPORTUNITIES	Prelim Examination on: Paper 1, Section A plus Paper 2	Paper 3 timed response (at least one prior to final examinations) Timed Essays
6 (Summer 2)	Continuation of Summer 1 Plus Revision of Component 1, Section A and Component 2.	



ASSESSMENT OPPORTUNITIES	Terminology/ Theories tests Creating short extracts and commentaries for a variety of different genres for the NEA 1:1 support for NEA Draft NEA for Piece 1	FINAL EXAMINATIONS
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ENGLISH LITERATURE: AQA B ([BACK TO CONTENTS](#))

OVERVIEW

The course focuses on the connections that exist between texts within a literary genre. In this way, students can gain a solid understanding of how texts can be connected and how they can be interpreted in multiple ways in order that students can arrive at their own interpretations and become confident autonomous readers. Genre study is at the heart of English Literature and we choose to focus on tragedy. Working with genre involves looking at ways in which authors shape meanings within their texts. It also involves thinking about a wide range of relevant contexts, some of them to do with the production of the text at the time of its writing, some (where possible) to do with how the text has been received over time, and most of all in this specification contexts to do with how the text can be interpreted by readers now. Looking at texts as generic works involves connecting individual texts with others, as the whole idea of genre is a connective one. And finally, because genres and their qualities are not fixed, this means that interpretation is not fixed, and that multiple interpretations are possible.

SUBJECT CONTENT

Students will study a range of texts on the course. For Paper 1 (Literary Genres – Tragedy), they will cover three texts: a Shakespeare play (currently *Othello*), another drama text (currently *Death of a Salesman*) and one further text (currently *Tess of the D'Urbervilles*).

For Paper 2 (Texts and genre – political writing), students will again cover three texts: one post-2000 prose text (currently *The Kite Runner*); one collection of poetry (currently 'William Blake' *Songs of Innocence and of Experience*) and one further text (currently *The Handmaid's Tale*). The non-exam assessment or coursework (Theory and Independence) requires the students to produce two essays, one on poetry and one on prose, informed by the study of a critical anthology.

ENTRY REQUIREMENTS

Students should have followed GCSE courses in English language and English literature, gaining at least grade 5 in English language and English literature. An enthusiasm for the oral aspects of English lessons and a genuine enjoyment of prose, poetry and drama are important attributes to bring to the course. Students must be prepared to read extensively.

ASSESSMENT OBJECTIVES

AO1: Articulate informed, personal and creative responses to literary texts, using associated concepts and terminology, and coherent, accurate written expression.

AO2: Analyse ways in which meanings are shaped in literary texts.

AO3: Demonstrate understanding of the significance and influence of the contexts in which literary texts are written and received.

AO4: Explore connections across literary texts.

AO5: Explore literary texts informed by different interpretations

ASSESSMENT STRUCTURE

Examinations (two papers) 80% Non-Examination Assessment 20%.

GROUPINGS

1-2 groups; usually up to 25 students in one group

SUPERVISED STUDY INFORMATION

Reading / annotating / researching / planning and drafting essays / revising texts / exploring literary critical theory

EXTENDED STUDY INFORMATION

- Finding and reading critical work on set texts.
- Making notes from the above.



- Reading other works by set authors.
- Watching film/stage versions of set text and analysing them.
- Preparation for lessons – reading/annotating/answering basic questions

ENRICHMENT OPPORTUNITIES

Theatre trips may be arranged, which may or may not be directly related to the plays being studied; we have also forged links with University of Reading, who have delivered guest lectures on elements of the course, such as post-colonial literature and theory.

EQUIPMENT NEEDED

Copies of the texts – the class teacher will inform students of preferred editions.

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Mrs A Webb



TERM	COURSE CONTENT: Knowledge and skills			
	Year 12		Year 13	
1	Introduction to Tragedy Paper 1: Literary Genres: Drama Shakespeare: <i>Othello</i>	Paper 1 : Literary Genres: Drama Miller: <i>Death of a Salesman</i>	Introduction to Social and Political Protest Writing and Paper 2: The Unseen Paper 2: Elements of Political and Social Protest Writing Atwood: <i>The Handmaid's Tale</i>	NEA Prose Paper 2: Elements of Political and Social Protest Writing Blake: <i>Songs of Innocence and Experience</i>
ASSESSMENT OPPORTUNITIES	At least one formally assessed response with feedback/DIRT on: Paper 1: Section A <i>Othello</i> (extract-based) Paper 1: Section C <i>Death of a Salesman</i> Section C (based on single text)		Ongoing guidance/support with NEA drafting process At least one formally assessed response with feedback/DIRT.	
2	Paper 1: Literary Genres: Drama Shakespeare: <i>Othello</i>	Paper 1: Literary Genres: Drama Miller: <i>Death of a Salesman</i> Paper 2: Literary Genres: Prose Hardy: <i>Tess of the D'Urbervilles</i>	Paper 2: Elements of Political and Social Protest Writing Atwood: <i>The Handmaid's Tale</i> Paper 2: Elements of Political and Social Protest Writing Unseen text approx. every fortnight	Paper 2: Elements of Political and Social Protest Writing Finish Blake: <i>Songs of Innocence and Experience</i> Paper 2: Elements of Political and Social Protest Writing Begin Hosseini: <i>The Kite Runner</i>
ASSESSMENT OPPORTUNITIES	At least one formally assessed response with feedback/DIRT on each text Paper 1: Section A <i>Othello</i> (extract-based)		In class: at least one formally assessed response with feedback/DIRT (prior to Prelim examination) on:	



	Paper 1: Section C <i>Death of a Salesman</i> (based on single text)			
3 & 4 (Spring term)	Paper 1: Finish ‘Othello’ Practice of Section B style tasks NEA: Introduction to NEA (Poetry) and Critical Theory Overview of NEA task requirements	Paper 2: Literary Genres: Prose Hardy: Tess of the D’Urbervilles	Paper 1: Literary Genres: Drama Revisit Shakespeare: <i>Othello</i>	Finish <i>The Kite Runner</i> Revise <i>Death of a Salesman</i> and <i>Tess of the D’Urbervilles</i>
ASSESSMENT OPPORTUNITIES	At least one formally assessed response with feedback/DIRT (prior to Prelim examinations) on: Paper 1: Section B <i>Othello</i> Paper 1: Section C <i>Tess of the D’Urbervilles</i> in isolation and Section C <i>Death of a Salesman/Tess of the D’Urbervilles</i> (together)		Unseen / examination practice Prelim Examination 1 (January) on: : Paper 1, Section A (<i>Othello</i> Extract) Paper 2, Section B (Blake) Paper 1, Section C (<i>Tess/DOAS</i>) Prelim Examination 2 (March) on: Paper 2, Section A, (unseen) Paper 2, Section B and C (<i>The Handmaid’s Tale/ Blake/ Kite Runner</i>)	
5 & 6 (Summer term)	NEA: Completion of NEA Poetry task Drafting of Poetry NEA using booked IT suites and 1:1 appointments with students on their area of study	Paper 2: Literary Genres: Prose Finish off Tess of the D’Urbervilles if needed NEA – Prose task preparation	Revise <i>The Handmaid’s Tale</i> revision and practice <i>Songs of Innocence and Experience</i> revision and practice <i>The Kite Runner</i> revision and practice	
ASSESSMENT OPPORTUNITIES	Prelim Examination Paper 1 - Full paper: Section A <i>Othello</i> (extract-based) Section B <i>Othello</i> Section C <i>Death of a Salesman/Tess of the D’Urbervilles</i> NEA verbal feedback/1:1 tutorials/peer-assessment etc		PUBLIC EXAMINATIONS	



FILM STUDIES: EDUQAS (WJEC) ([BACK TO CONTENTS](#))

OVERVIEW

The WJEC Eduqas specification is designed to introduce A level learners to a wide variety of films in order to broaden their knowledge and understanding of film and the range of responses films can generate. This course offers students the opportunity to study mainstream American films from the past and the present as well as a range of recent and contemporary British films, American independent films and global films, both non-English language and English language. The historical range of film represented in those films is extended by the study of silent film and significant film movements so that learners can gain a sense of the development of film from its early years to its still emerging digital future. Studies in documentary, experimental and short films add to the breadth of the learning experience.

Production work is a crucial part of this specification and is integral to learners' study of film. Studying a diverse range of films from several different contexts is designed to give learners the opportunity to apply their knowledge and understanding of how films are constructed to their own filmmaking and screenwriting. This is intended to enable learners to create high quality film and screenplay work as well as provide an informed filmmaker's perspective on their own study of film.

SUBJECT CONTENT

We are following the WJEC Eduqas Film Studies A level specification. The students will study a range of texts on the course.

Component 1 (Varieties of film and filmmaking), students will cover 6 feature length films: 2 mainstream American films from the past (Hollywood 1930-1990); 2 American films from the present (American film since 2005) and 2 British films since 1995.

Component 2 (Global filmmaking perspectives), students will study 5 feature length films (or their equivalent): 2 Global films (1 from Europe and 1 from outside of Europe); 1 Documentary film; 1 Silent film; and, 1 Experimental film.

The non-examination assessment or coursework (Production), requires students to produce **either** a short film (**4-5 minutes**) **or** a screenplay for a short film (**1600-1800 words**) plus a digitally photographed storyboard of a key section from the screenplay. The practical work is then supported with an evaluative analysis (**1600 - 1800 words**).

ENTRY REQUIREMENTS

An enthusiasm for the oral aspect of analytical discussion, creative ideas and a genuine enjoyment of film are important attributes to bring to the course. There is no requirement to have studied Media or Film at GCSE level; however, due to the analytical nature of the subject, a level 5 in either English literature or English language is desirable.

ASSESSMENT OBJECTIVES

AO1

Demonstrate knowledge and understanding of elements of film

AO2

Apply knowledge and understanding of elements of film to:

- analyse and compare films, including through the use of critical approaches
- evaluate the significance of critical approaches
- analyse and evaluate own work in relation to other professionally produced work

AO3

Apply knowledge and understanding of elements of film to the production of a film or screenplay.

ASSESSMENT STRUCTURE



Examinations (2 papers) 70%

Non-Examination Assessment 30%

GROUPINGS

One group of approximately 25 students.

SUPERVISED STUDY INFORMATION

Consolidation of learning in lessons and attending screenings of set texts and texts to support wider knowledge and understanding.

EXTENDED STUDY INFORMATION

- Reading acclaimed texts on the study of film (e.g. *Understanding Film Theory* by Doughty and Etherington-Wright; *Talking Movies* by Jason Wood)
- Visiting appropriate websites/ Youtube videos (e.g. The Media Insider YouTube Channel https://www.youtube.com/channel/UCGXfqzVEZr0XaZLWG3_HniA, newspaper articles on issues relating to film, e.g. representation, etc. <https://www.theguardian.com/film/2016/jan/18/hollywoods-race-problem-film-industry-actorsof-colour>)
- Watching a range of films (including short films) to build understanding of film movements, auteur, etc.

ENRICHMENT OPPORTUNITIES

Visits to the cinema (mainstream and independent). Participation in film making competitions.

EQUIPMENT NEEDED

- **WJEC Eduqas Film Studies for AS & A level Student book.** ISBN-13 : 978-1911208440 (Year 1)
- **WJEC Eduqas Film Studies for A Level & AS Revision Guide** (Illuminate) ISBN-13 : 978-1912820351 (Year 2)
- A folder with dividers, highlighters and a purple pen.

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Mrs A Webb



TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1 (Autumn 1)	Introduction to Film Form (core concepts) Paper 1, Section A: Hollywood 1930-1990 Students will study 2 films, 1 Classical Hollywood (currently Casablanca) and one New Hollywood (currently Bonnie and Clyde)	NEA production draft Paper 2, Section A: Global Film Students will study 2 films, 1 European Film (currently Pan's Labyrinth) and one outside of Europe (currently City of God)
ASSESSMENT OPPORTUNITIES	Settling in assessment on Film Form	NEA production draft Paper 2, Section A question on both films
2 (Autumn 2)	Paper 1, Section A: Hollywood 1930-1990 continued. Paper 1, Section B: American Film since 2005 Students will study 2 films, 1 mainstream film (currently La La Land) and one Independent film (currently Captain Fantastic).	Paper 2, Section B: Documentary Students will study a documentary film (currently Amy) and look at influences from other documentary makers (filmmaker's theories) Revisit NEA and evaluation
ASSESSMENT OPPORTUNITIES	Paper 1, Section A question on both texts	Paper 2, Section B question Year 13 preliminary exami
3 (Spring 1)	Paper 1, Section B: American Film since 2005 continued. Paper 1, Section C: British Film since 1995 Students will study 2 films (currently This is England and Trainspotting)	Paper 2, Section C: Film movements – silent cinema Students will study a film (or series) of short films exploring early silent cinema (currently Keaton) Paper 2, Section D: Experimental Film Students will study experimental film from 1960 -2000 (currently Pulp Fiction) NEA Evaluation day
ASSESSMENT OPPORTUNITIES	Paper 1, Section B question on both texts	Final NEA and Evaluation Year 13 preliminary examination.
4 (Spring 2)	Paper 1, Section C: British Film since 1995 continued.	Paper 2, Section C and D continued. Revision of Paper 1



ASSESSMENT OPPORTUNITIES	Paper 1, Section C question on both texts.	Paper 2, Section C and Paper 2, Section D questions Prelim examination 2 on: Paper 2, Section A, B, C and D.
5 (Summer 1)	Revision of Paper 1: Section A, B & C NEA: Introduction and study of short films	Revision
ASSESSMENT OPPORTUNITIES	Year 12 Prelims on: Paper 1 Draft of Evaluation Part 1	Past exam questions
6 (Summer 2)	NEA: Planning, Ideas and Synopsis	
ASSESSMENT OPPORTUNITIES	Submit research for NEA	FINAL EXAMINATIONS



FRENCH: AQA ([BACK TO CONTENTS](#))

OVERVIEW

The study of French offers students the opportunity to learn one of the world's key languages, spoken by more than 220 million people on five continents. French is also the only language, alongside English, that is taught in every country in the world and the official language of the United Nations, the European Union, UNESCO, NATO, the International Olympic Committee, the International Red Cross and international courts. The ability to communicate in French, therefore, gives you an advantage on the job market and opens the door to working for French and francophone countries globally. In terms of travel, France is a major tourism destination in its own right, and speaking French will enhance your enjoyment of travel across the francophone world. And finally (and perhaps most importantly) French is the language of love, reason and culture. The study of A level French will not only develop linguistic fluency through the study of grammar, syntax and vocabulary, but will also introduce you to different elements of French and francophone culture, society, politics, and art. You will perfect a variety of skills including summary, prose and translation as well as comprehension and essay writing. A key element of the new course is research skills and presentation. In addition, you will study film and literature in general but through two key pieces of work. It is a stimulating and fascinating subject in its own right, but an excellent complement for a range of other subjects, academic and technical.

SUBJECT CONTENT

We have opted for the AQA A level course. A range of generally contemporary topics are studied eg:

- The changing nature of family
- The 'cyber-society'
- The place of voluntary work
- Positive features of a diverse society
- Life for the marginalised
- How criminals are treated
- A culture proud of its heritage
- Teenagers, the right to vote and political commitment
- Demonstrations, strikes – who holds the power?
- Politics and immigration.

Students also study a French film (eg :Au Revoir les Enfants) and a literary work (eg: No et moi by Delphine de Vigan).

ENTRY REQUIREMENTS

In order to cope with the rigours of A level French some linguistic competence is essential, but it is not the preserve of the most able linguists. We expect students to have gained at least a grade 5 at GCSE but also a passion for language and meaning and a desire to experiment with new vocabulary and grammar. You will need to be disciplined in working independently as well as collaboratively and have an ability to commit language to memory accurately

ASSESSMENT OBJECTIVES

Assessment objectives (AOs) are set by Ofqual and are the same across all A-level French specifications and all exam boards.

The exams will measure how students have achieved the following assessment objectives.

AO1: Understand and respond:

in speech to spoken language including face-to-face interaction

in writing to spoken language drawn from a variety of sources.

AO2: Understand and respond:

in speech to written language drawn from a variety of sources.

in writing to written language drawn from a variety of sources.

AO3: Manipulate the language accurately, in spoken and written forms, using a range of lexis and structure.

- AO4: Show knowledge and understanding of, and respond critically and analytically to, different aspects of the culture and society of countries/communities where the language is spoken.

Across assessment objectives AO1 and AO2, no more than 10% of the total marks for the qualification may be used for responses in English, including translation into English



ASSESSMENT STRUCTURE

Paper 1: Listening, Reading and Writing

Duration: 2 hours 30 minutes; total raw mark: 100

Listening and responding

Paper 2: Writing

Duration: 2 hours; total raw mark: 80

Paper 3: Speaking

Duration: 21–23 minutes (including 5 minutes supervised preparation time); total raw mark: 60

GROUPINGS

Usually one class of 5-10 students in yr12. 12/13 can be taught together where classes are small.

SUPERVISED STUDY INFORMATION

Reading around the subject, research, grammar exercises.

EXTENDED STUDY INFORMATION

- Guide them towards extra vocabulary and grammar practice eg: <http://www.languagesonline.org.uk>
<http://www.frenchteacher.net/free-resources/samples> <http://fog.ccsf.cc.ca.us/~creitan/grammar.htm>
- Encourage them to read around thematic issues, including youth culture, lifestyle, education and the world of work and the world around us, in French by googling them on www.google.fr
- Get them interested in wider French/Francophone culture eg: reading translations of French language novels, finding out about key periods in French history ...
- Get them to watch classic and contemporary French films in French with English subtitles. They can then record new vocabulary and learn it.
- Get them to research key francophone personalities. Get them to give an account of why they are or were influential, not a description of their life and times.
- Go to France and make them do all the transactions!

ENRICHMENT OPPORTUNITIES

Paris cultural residential visit (provisional). Individual speaking practices.

EQUIPMENT NEEDED

Folder and ring binders, lined paper, a dictionary.

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Miss C Brayle



TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	The changing nature of family Cyber society	Diversity The marginalised
ASSESSMENT OPPORTUNITIES	Specimen examination questions used as mini assessments, full assessment and class and home activity tasks.	Specimen examination questions used as mini assessments, full assessment and class and home activity tasks.
2	Volunteering	Crime Book study
ASSESSMENT OPPORTUNITIES	Specimen examination questions used as mini assessments, full assessment and class and home activity tasks.	Specimen examination questions used as mini assessments, full assessment and class and home activity tasks.
3	French cinema Film study	Politics Immigration Social unrest
ASSESSMENT OPPORTUNITIES	Essay on film	Prelims 1
4	Culture and heritage Exam preparation	Review of themes covered at AS and A2
ASSESSMENT OPPORTUNITIES	Prelims	Prelims 2
5	Francophone music	Revision, exam practice and speaking preparation
ASSESSMENT OPPORTUNITIES	Specimen examination questions used as mini assessments, full assessment and class and home activity tasks.	Speaking assessment
6	Revision of AS topics	A level exams
ASSESSMENT OPPORTUNITIES	Specimen examination questions used as mini assessments, full assessment and class and home activity tasks.	



GEOGRAPHY: AQA ([BACK TO CONTENTS](#))

OVERVIEW

Geographers have a unique viewpoint combining social, political and economic aspects with an understanding of physical processes. Geography develops the ability to combine scientific principles with economic awareness, environmental concern with an appreciation and tolerance of peoples' attitudes and values. Geography gives a balanced viewpoint, which is great preparation for the world of work. Geographers are trained to be excellent decision makers who look at all aspects of a situation. Some jobs make direct use of geographical knowledge such as those in GIS (geographical information systems), tourism, town planning, environmental management and teaching. Geography is also useful for law, journalism, medicine and working in the media for example because it combines the understanding of the facts of the sciences with the perception of the arts. Geography graduates have one of the lowest unemployment rates of any discipline and 2/3rds of graduates went on to professional and managerial jobs. In addition, a fifth of geographers go on to further study after their degree. All these facts show the potential value of geography as an A level option.

SUBJECT CONTENT

A level will consist of three components:

Component 1 is physical geography paper (2hr 30mins) worth 40% of their A level a) Water and carbon cycles b) Coastal systems and landscapes c) Hazards (volcanic, seismic, and storm hazards)

Component 2 is human geography paper (2hr 30mins) worth 40% of their A level a) Global systems and governance b) Changing places c) Contemporary urban environments.

Component 3 is a geographical investigation where a student will write a 3,000-4,000-word project on one part of the course, linked to their fieldwork worth 20% of their A level.

ENTRY REQUIREMENTS

The most important attributes for good geographers are an inquisitive mind and a wish to learn more about the world around us. This course is suitable for students who gained a grade 5 or above in GCSE geography and you should ideally also have a grade 5 or above in GCSE mathematics and English. Geographical skills are assessed throughout the A level. Geographical skills is where students will develop cartographic, graphical, statistical and ICT skills with particular reference to fieldwork.

ASSESSMENT OBJECTIVES

develop their knowledge of locations, places, processes and environments, at all geographical scales from local to global across the specification as a whole

- develop an in-depth understanding of the selected core and non-core processes in physical and human geography at a range of temporal and spatial scales, and of the concepts which illuminate their significance in a range of locational contexts
- recognise and be able to analyse the complexity of people–environment interactions at all geographical scales, and appreciate how these underpin understanding of some of the key issues facing the world today
- develop their understanding of, and ability to apply, the concepts of place, space, scale and environment, that underpin both the national curriculum and GCSE, including developing a more nuanced understanding of these concepts
- gain understanding of specialised concepts relevant to the core and non-core content. These must include the concepts of causality, systems, equilibrium, feedback, inequality, representation, identity, globalisation, interdependence, mitigation and adaptation, sustainability, risk, resilience and thresholds
- improve their understanding of the ways in which values, attitudes and circumstances have an impact on the relationships between people, place and environment, and develop the knowledge and ability to engage, as citizens, with the questions and issues arising
- become confident and competent in selecting, using and evaluating a range of quantitative and qualitative skills and approaches, (including observing, collecting and analysing geo-located data) and applying them as an integral part of their studies
- understand the fundamental role of fieldwork as a tool to understand and generate new knowledge about the real world, and become skilled at planning, undertaking and evaluating fieldwork in appropriate situations.



ASSESSMENT STRUCTURE

Components 1 and 2 will both be assessed at the end of year 2 with two examinations worth 80% of the A level. The geographical investigation is worth the last 20% and is marked by teachers and moderated by the exam board and is started in the summer term of year 1.

GROUPINGS

We have two groups each year of approximately 20 students in each class.

SUPERVISED STUDY INFORMATION

Each module you will be given a supervised study list that will have the following tasks: -

- Research tasks to help further your geographical understanding.
- Additional case studies that could be of use in 20-mark questions.
- End of unit questions
- Shorter response questions to practice
- Longer 9- and 20-mark questions to practice

During your supervised study time we concentrate on academic reading to help broaden your understanding of the topics that you are studying, there is a set programme of reading that you follow on a weekly basis.

EXTENDED STUDY INFORMATION

TED talks, Geography Review magazine, Geographical Association website

ENRICHMENT OPPORTUNITIES

All students are required by the exam board to undertake fieldwork in relation to processes in both, physical and human geography. Students must undertake four days of field work during their A level course. This is an opportunity to learn many new skills both subject related and personal. Currently we offer the following fieldtrips

- a) Investigation of the Changing places and carbon cycle techniques in Windsor
- b) Coastal trip to Southsea, Portsmouth to study coastal data collection techniques
- c) A human geography fieldtrip to Oxford to see the influence of the University on the fabric of the city.
- d) Fourth day is to collect data for their NEA, so will be dependent on the project title.

EQUIPMENT NEEDED

Basic equipment – pen, pencil, A4 writing paper, ruler, calculator.

*CGP revision guide

*AQA A level textbook or ebook (optional)

*subscription to the Wider World geography review magazine (optional)

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Mr T Hutchinson



TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	Contemporary Urban environments and Water & Carbon cycles	Global systems & Governance and Natural Hazards
ASSESSMENT OPPORTUNITIES	Examination questions used as mid-unit assessments and end of unit assessments.	Examination questions used as mid-unit assessments and end of unit assessments. NEA 20% individual project written up
2	Contemporary Urban Environments and Water & Carbon Cycles cont'd	NEA write up in computer rooms
ASSESSMENT OPPORTUNITIES	Examination questions used as mid-unit assessments and end of unit assessments.	Examination questions used as mid-unit assessments and end of unit assessments. NEA 20% individual project written up
3	Contemporary Urban Environments and Coastal Landscapes	Global systems & Governance and Natural Hazards
ASSESSMENT OPPORTUNITIES	Examination questions used as mid-unit assessments and end of unit assessments. .	Specimen examination questions used as mini assessments, full assessment and class and home activity tasks. NEA 20% individual project written up
4	Changing places and Coastal landscapes	Global Systems & Governance and Natural Hazards
ASSESSMENT OPPORTUNITIES	Examination questions used as mid-unit assessments and end of unit assessments.	Examination questions used as mid-unit assessments and end of unit assessments.
5	Changing places and Geographical skills	Revision & Examination practice
ASSESSMENT OPPORTUNITIES	Examination questions used as mid-unit assessments and end of unit assessments.	Examination questions used as mid-unit assessments and end of unit assessments.
6	Geographical skills + NEA set up	
ASSESSMENT OPPORTUNITIES	Examination questions used as mid-unit assessments and end of unit assessments.	FINAL EXAMINATIONS



GERMAN: AQA ([BACK TO CONTENTS](#))

OVERVIEW

Students enjoy learning German as it is logical, ordered and distinct. Working out the meanings of long compound nouns or simply words which resemble the English can be rewarding. In fact, students of German are known to acquire good vocabulary skills, a better understanding of the English language, have improved literacy and higher reading achievement, as well as enhanced listening and memory skills. Clearly, becoming linguistically aware develops higher thinking skills and improves the interpersonal skills required in everyday life and in any career. Studying German at A level certainly gives students an edge. It is regarded as an academic subject and an extremely useful language by universities and employers alike and as Germany's role in Europe and in business increases, German has never been so important. Particularly in business, it should not be assumed that everyone speaks English; they do not. Foreign business partners feel at ease when conversing in their own language and meetings flow more easily, therefore being able to offer German in a competitive market is sought after. A level German equips the student with a firm grasp of the language and an understanding of the culture and socio-political issues. Students find that it complements a wide range of other A levels and can also be linked well with numerous degree subjects such as law, business, politics, history and of course with French or a new language from scratch.

SUBJECT CONTENT

We follow the AQA course and the textbook we use is called 'AQA German A level' published by Oxford University Press. Students not only have access to the book but also the e-book including listening activities, online grammar activities and comprehension tasks including answers to check afterwards. Topics in the first year of the course include the changing state of the family, the digital world, youth culture: fashion and trends, music and television, festivals and traditions, art and architecture and cultural life in Berlin, past and present. In the second year of the course, the following topics are studied: immigration, integration and racism, Germany and the European Union, politics and youth and German re-unification and its consequences. We also study a book and a film and make sure students have rigorous grammar practice.

ENTRY REQUIREMENTS

In order to cope with the rigours of A level German some linguistic competence is essential. We expect, therefore, students to have gained at least grade 5 GCSE in German. Students should also be keen to deepen their knowledge of the language and their understanding of the culture and society of the German speaking world.

ASSESSMENT OBJECTIVES

Assessment objectives (AOs) are set by Ofqual and are the same across all A-level German specifications and all exam boards.

The exams will measure how students have achieved the following assessment objectives.

AO1: Understand and respond:

in speech to spoken language including face-to-face interaction

in writing to spoken language drawn from a variety of sources.

AO2: Understand and respond:

in speech to written language drawn from a variety of sources.

in writing to written language drawn from a variety of sources.

AO3: Manipulate the language accurately, in spoken and written forms, using a range of lexis and structure.

AO4: Show knowledge and understanding of, and respond critically and analytically to, different aspects of the culture and society of countries/communities where the language is spoken.

Across assessment objectives AO1 and AO2, no more than 10% of the total marks for the qualification may be used for responses in English, including translation into English.



ASSESSMENT STRUCTURE

Year 13 Assessment consists of three papers:

- Paper 1: listening, reading and writing paper (50% of the A level)
- Paper 2: writing test (20% of the A level) on a film and a book which have been studied over the two years.
- Paper 3: a speaking test (30% of the A level) on an individual research project and on one of the general topics covered in lessons.

GROUPINGS

Usually one class of 5-10 students in Year 12. Year 12 and Year 13 can be taught together where classes are small.

SUPERVISED STUDY INFORMATION

Supervised Study for German is a proper additional 1-hour lesson's worth of work which will be set once a week.

EXTENDED STUDY INFORMATION

- Extra vocabulary and grammar practice eg: <http://www.languagesonline.org.uk>
- Read around thematic issues, including youth culture, lifestyle, education and the world of work and the world around us, in German by googling them on www.google.de
- Get interested in wider German culture eg: reading translations of German language novels, finding out about key periods in German history
- Watch classic and contemporary German films in German with English subtitles. They can then record new vocabulary and learn it.
- Research key German/Austrian/Swiss personalities. Give an account of why they are or were influential, not a description of their life and times.
- Listen to German music on youtube
- Go to a German-speaking country and speak German as much as possible!
- For further ideas, look at the handbook on google classrooms

ENRICHMENT OPPORTUNITIES

We may be able to offer a unique opportunity to take part in a work experience exchange trip to Worms in Germany.

There may also be an opportunity to go to Berlin on a study trip.

In the summer term we go to The Museum of Leicester for a workshop on their German Impressionist Art followed by a trip to a German restaurant for lunch.

Speaking Practices.

EQUIPMENT NEEDED

Folder and ring binders, lined paper, text book

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Mrs E Peduru



TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	Chapter 1: Different family set-ups Set Book: 'der Besuch der alten Dame'	Chapter 6: Reunification and its Consequences Set film: 'Almanya'
ASSESSMENT OPPORTUNITIES	Reading, Writing & Listening PLC Review	Reading, Writing & Listening PLC Review
2	Chapter 6: Cultural life in Berlin, then and now Set Book: 'der Besuch der alten Dame'	Chapter 1: Migration Set film: 'Almanya'
ASSESSMENT OPPORTUNITIES	Reading, Writing & Listening PLC Review	Reading, Writing & Listening PLC Review
3	Chapter 3: Youth Culture: Fashion, music and television Set Book: 'der Besuch der alten Dame'	Chapter 3: Racism Set film: 'Almanya'
ASSESSMENT OPPORTUNITIES	Speaking, Reading, Writing & Listening	Reading, Writing, Listening & Speaking PLC Review
4	Chapter 2: The digital world Set Book: 'der Besuch der alten Dame'	Chapter 4: Germany and the European Union Set film: 'Almanya'
ASSESSMENT OPPORTUNITIES	Reading, Writing, Listening & Speaking PLC Review	Reading, Writing, Listening & Speaking PLC Review
5	Chapter 4: Festivals and traditions Set Book: 'der Besuch der alten Dame'	Chapter 5: Young people and politics Revision Set film: 'Almanya'
ASSESSMENT OPPORTUNITIES	Reading, Writing & Listening PLC Review	Examinations
6	Chapter 5: Art and Architecture Set Book: der Besuch der alten Dame Choose topic for Individual Research Project for Paper 3 (Speaking)	Please note that Chapter 2: Integration will be taught alongside the film 'Almanya'
ASSESSMENT OPPORTUNITIES	All 3 papers	FINAL EXAMINATIONS



HISTORY: OCR ([BACK TO CONTENTS](#))

OVERVIEW

History gives you a broad understanding of why so much of the world is as it is today. As you go through life it is important to be able to understand current affairs and the reasons behind contemporary situations. History encourages pupils to conduct independent research, to identify the problems inherent in a question, to assess the arguments and evidence of others, to analyse primary data, and last, but not least, to construct coherent arguments in an accessible and persuasive way. These are all key skills highly valued by universities and employers. History provides a distinctive education by providing a sense of the past, and an awareness of the development of differing values, systems and societies. Apart from being enjoyable, history also enables students to learn about the past and through it, come to a far better understanding of the present.

SUBJECT CONTENT

Year 12 Students study two units:

- England 1547-1603: the later Tudors.
- Democracy and dictatorships in Germany 1919-1963

Year 13 students' study two units:

- Civil rights in the USA 1865-1992
- NEA (nominally Elizabeth I, but students can pick their own area of research)

All 4 units are assessed in the A Level.

ENTRY REQUIREMENTS

To undertake A Level history, students will have studied GCSE history and obtained grade 5 or above. Students must be motivated, organised and committed, willing to work independently and as part of a group, but above all have a high level of interest and enjoyment in history.

ASSESSMENT OBJECTIVES

- AO1 Demonstrate, organise and communicate knowledge and understanding to analyse and evaluate the key features related to the periods studied, making substantiated judgements and exploring concepts, as relevant, of cause, consequence, change, continuity, similarity, difference and significance.
- AO2 Analyse and evaluate appropriate source materials, primary and/or contemporary to the period, within its historical context.
- AO3 Analyse and evaluate, in relation to the historical context, different ways in which aspects of the past have been interpreted.

ASSESSMENT STRUCTURE

Assessment at A Level is through three written examinations all taken at the end of Year 13. There is also one piece of internally assessed, board approved NEA, which is then externally moderated. This is a 3,000-4,000-word essay.

GROUPINGS

Two groups.

Approximately 15 students per group.

SUPERVISED STUDY INFORMATION

- Extended reading.
- Further research.
- Essays.
- Timelines.

EXTENDED STUDY INFORMATION

Additional reading or research <http://www.schoolhistory.co.uk> <http://www.spartacus.schoolnet.co.uk>
<http://www.bbc.co.uk/history>.

- Encourage students to read books about history with a particular focus on the reading lists in handbooks.



- Develop an interest in the nature of interest e.g. EH Carr 'What is History?'
- Read Historic Journals E.g. History Today.
- Get students interested in wider History by watching television series, films based on history or some of the many documentaries on TV.
- Go to museums and historical sites of interest.

ENRICHMENT OPPORTUNITIES

University subject-specific lectures promoted.

EQUIPMENT NEEDED

A4 lined paper, pens, pencil, highlighters, ring-binders/lever-arch files, *dividers, *plastic wallets, *glue stick, *coloured pencils.

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Mr T Stewart



TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	- Religious Change (Edward & Mary) - Elizabeth and Religion. - The establishment and development of the Weimar Republic: 1919–Jan 1933.	- NEA. - African American Civil Rights. - N.B. The Elizabeth module is the NEA element of the course so is not assessed through assessments. There will be, on average, two past exam paper questions set for each topic of the American Civil Rights module.
ASSESSMENT OPPORTUNITIES	There will be, on average, two exam paper questions set for each module each half term.	There will be, on average, two exam paper questions set for each module each half term.
2	- Elizabeth and Religion. - Rebellion and unrest (Edward & Mary). - The establishment and development of the Weimar Republic: 1919–Jan 1933. - The establishment of the Nazi Dictatorship and its domestic policies Feb 1933–1939.	- NEA. - African American Civil Rights.
ASSESSMENT OPPORTUNITIES	There will be, on average, two exam paper questions set for each module each half term.	There will be, on average, two exam paper questions set for each module each half term.
3	- Rebellion and unrest (Edward & Mary). - Elizabeth's management of financial, economic and social affairs. - The stability of the monarchy (Edward & Mary). - The establishment of the Nazi Dictatorship and its domestic policies Feb 1933–1939. - The impact of war and defeat on Germany: 1939–1949.	- NEA. - Native American Civil Rights. - Trade Union Civil Rights.
ASSESSMENT OPPORTUNITIES	There will be, on average, two exam paper questions set for each module each half term.	There will be, on average, two exam paper questions set for each module each half term.
4	- The stability of the monarchy (Edward & Mary). - The nature of Elizabeth's monarchy, government and parliament. - The impact of war and defeat on Germany: 1939–1949. - Divided Germany: The Federal Republic and the DDR 1949– 1963.	- Native American Civil Rights. - Trade Union Civil Rights.



ASSESSMENT OPPORTUNITIES	There will be, on average, two exam paper questions set for each module each half term.	There will be, on average, two exam paper questions set for each module each half term.
5	- The nature of Elizabeth's monarchy, government and parliament. - Elizabethan later years. - Divided Germany: The Federal Republic and the DDR 1949– 1963. - Revision.	- Women's Civil Rights. - Civil Rights Revision.
ASSESSMENT OPPORTUNITIES	There will be, on average, two exam paper questions set for each module each half term.	There will be, on average, two exam paper questions set for each module each half term.
6	- Elizabethan later years. - Divided Germany: The Federal Republic and the DDR 1949– 1963. - Revision.	
ASSESSMENT OPPORTUNITIES	There will be, on average, two exam paper questions set for each module each half term.	FINAL EXAMINATIONS



LAW: AQA ([BACK TO CONTENTS](#))

OVERVIEW

Studying Law gives students an understanding of the role of Law in today's society and raises their awareness of the rights and responsibilities of individuals. Students will debate and discuss key issues about topics that affect all of us every day, such as how laws are made and applied, how disputes are remedied and the mechanisms that are in place to keep the law consistent and just. By learning about legal rules and how and why they apply to real life, students also develop their analytical ability, decision making, critical thinking and problem-solving skills. They will develop their extended writing and presentation skills as well as their ability to offer supported argument using a variety of methods. All these skills are highly sought after by higher education and employers both within and outside the legal professions.

SUBJECT CONTENT

Students will follow the AQA A level specification (7162). Which covers a range of topics from the nature of law, how laws are made and applied through the legal system, to criminal law, the concept of liability in both criminal and civil law and the different ways cases are remedied. Four units are covered over the two-year course: 1. The nature of law and the English legal system 2. Criminal law 3. Tort 4. Human rights

ENTRY REQUIREMENTS

Students should have gained grade 5 or above in English. There will be a requirement to undertake some in depth reading around the topics being studied and a willingness to do this and a good memory are essential. An enthusiasm for discussion and writing, and an interest in current affairs and especially those related to criminal and civil law, are important attributes to bring to the course.

ASSESSMENT OBJECTIVES

- **AO1:** Demonstrate knowledge and understanding of the English legal system and legal rules and principles.
- **AO2:** Apply legal rules and principles to given scenarios in order to present a legal argument using appropriate legal terminology.
- **AO3:** Analyse and evaluate legal rules, principles, concepts and issues.

ASSESSMENT STRUCTURE

The Law A level will be assessed through three two-hour examinations. Each paper will consist of a combination of multiple choice, short answer and extended writing questions. Throughout the course students will be assessed through the quality of their notes, milestone assignments and presentations.

- Paper 1: ELS and Criminal Law
- Paper 2: ELS and Tort Law
- Paper 3: ELS and Law of Contract or HR

GROUPINGS

Approximately groups comprising of up to 20 students.

SUPERVISED STUDY INFORMATION

- Reading over notes made in class.
- Consolidating knowledge by making additional notes from the text book
- Reading newspapers online to keep up to date with any current affairs involving UK law
- Create revision notes for case examples

EXTENDED STUDY INFORMATION

- Watch parliamentary debates about any new Acts or laws
<https://www.parliament.uk/visiting/visiting-and-tours/watch-committees-and-debates/>

ENRICHMENT OPPORTUNITIES

There will be opportunities to visit local law courts (such as Reading Crown Court) and the High Court and/or Old Bailey in London. Students may also be able to participate in national competitions for mock trials.

EQUIPMENT NEEDED

- A4 ring binders



- AQA textbook
- Highlighter pens
- A4 lined paper and pens

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Ms W. Suleyman

TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	Introduction to the ELS: civil and criminal law, outline of court system, legal rules, sources of law and rule of law • Parliamentary law making • Delegated legislation • Statutory interpretation • Judicial precedent • Law reform • Civil dispute resolution • Criminal courts • Legal personnel • Access to justice and funding • judiciary	ELS Concepts of Law: Justice, fault, morality, competing interests
ASSESSMENT OPPORTUNITIES	This will be a range of exam questions from past papers •Students will be assessed on MC, 5 mark, 10 mark, 15 mark and 30 mark questions. •student will be expected to prepare revision and assessment will take place in exam conditions. •Feedback will be given by teacher, including suggestions for improvement •DIRT time for students with opportunity to complete 'green pen' feedback. •Assessments will be Half term Mile stone assessments and homework based tasks.	This will be a range of exam questions from past papers •Students will be assessed on MC, 5 mark, 10 mark, 15 mark and 30 mark questions. •student will be expected to prepare revision and assessment will take place in exam conditions. 128 P a g e EU LAW Paper 3:Human rights Term 3 Revision of paper 1, 2 and 3 •Feedback will be given by teacher, including suggestions for improvement •DIRT time for students with opportunity to complete 'green pen' feedback. •Assessments will be Half term Mile stone assessments and homework based tasks.
2	Paper 1 Criminal Law Paper 2 Tort Law	EU LAW Paper 3:Human rights
ASSESSMENT OPPORTUNITIES		
3	Revision Case Law Identifying elements of Law Developing Ao3 skills	Revision of paper 1, 2 and 3
ASSESSMENT OPPORTUNITIES		FINAL EXAMINATIONS

Subject specific entry requirements

Subject	Specific Entry Requirement
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MATHEMATICS: EDEXCEL ([BACK TO CONTENTS](#))

OVERVIEW

Following an A level course in mathematics enables students to develop the skills of mathematical reasoning; to extend their knowledge of mathematical theory and techniques; to become confident and competent in applying their skills to a variety of situations, including some encountered in other subject areas. Students will become resourceful in problem solving and appreciate the importance of mathematics in other academic disciplines and the wider world. Mathematics is of interest and practical use to a wide variety of students. Students studying any of the sciences, economics, design & technology, computer science or geography may well benefit from building up their pure mathematics skills, as well as the statistics and mechanics content. Mathematics fits comfortably into most combinations of A level subjects and is a valuable qualification both for Higher Education and future employment

SUBJECT CONTENT

A level Mathematics includes Pure Mathematics, Statistics and Mechanics, with a two-thirds weighting towards Pure Mathematics. In Pure Mathematics students are introduced to analytical and logical processes and a range of problem solving techniques, which include the development of a high level of competence in algebraic manipulation. Topics studied include mathematical proof, geometry, trigonometry, exponentials and logarithms, calculus and vectors. These are developed in the second year with a focus on trigonometry and calculus but also introducing sequences and series, and numerical methods for solving equations. With advanced skills in trigonometry, students will be able to solve a wider range of equations, and by linking in calculus, will solve problems with rates of change and areas enclosed by curves. The solution of differential equations is introduced, and working with 3- dimensional vectors. In Statistics, students study statistical sampling, presenting and analysing data, modelling data using statistical distributions, statistical hypothesis testing and probability theory. A large, real-life data-set is used to appreciate the challenges of working with real data. The emphasis is on analysis and decision making based upon statistical techniques, and use is made of technology such as spreadsheets and calculators. Students will need a calculator with the ability to compute summary statistics and access probabilities from standard statistical distributions. In Mechanics, students learn about quantities and units in mechanics, kinematics, forces and Newton's laws of motion. They develop an appreciation of mathematical modelling and its applicability and limitations in different situations. The mechanics content complements work done in Physics (if the student is studying it) but with the emphasis on mathematical problem solving,

ENTRY REQUIREMENTS

It is essential that students have a sound foundation of mathematical skills and knowledge. This should be reflected in a good GCSE result. Students must provide evidence to show that they have been consistently working at grade 7 or above throughout Year 11. A grade 7 is required as most topics in A level mathematics involve algebraic manipulation. A strong grasp of all areas of algebra is essential for you to succeed on this course.

ASSESSMENT OBJECTIVES

- A01 Use and apply standard techniques (approx. 50%)
- A02 Reason, interpret and communicate mathematically (approx. 25%)
- A03 Solve problems within mathematics and in other contexts (approx. 25%)

ASSESSMENT STRUCTURE

Throughout the course, students will be set assignments on a regular basis, and are expected to consolidate classroom learning through further practice between lessons. In addition, there will be formal assessments at appropriate intervals conducted under examination conditions. External assessment is based entirely on three terminal examinations or 2 hours each, two on Pure Mathematics and one on Applied Mathematics (statistics and mechanics).

GROUPINGS

Depending on demand we usually have four or five mathematics A-level classes per year group. Class sizes vary.

SUPERVISED STUDY INFORMATION



Supervised study is an opportunity to consolidate learning from recent lessons, completing text book exercises, reviewing and responding to teacher feedback or practising examination standard questions.

EXTENDED STUDY INFORMATION

- MyMaths A-Level activities
- Past Papers on exam board web site (or other publicly accessible web sites)
- University of Oxford Maths Admission Test ("MAT") [past papers](#)
- Test of Mathematics for University Admission (TMUA) [past papers](#)
- Optional challenge/extension questions at end of homework activities
- www.nrich.org.uk

ENRICHMENT OPPORTUNITIES

Students are invited to participate in the UK Senior Maths Challenge which takes place in October each year and is open to both Year 12 and Year 13.

EQUIPMENT NEEDED

Students **must** have a more advanced calculator than the basic GCSE model. It needs to support:

- an iterative function
- the ability to compute summary statistics and access probabilities from standard statistical distributions.

The minimum specification required is the Casio fx-991CW+ calculator (or equivalent). Many students find it advantageous to have a graphical calculator, our recommendation being the NumWorks Graphing Calculator. A GCSE calculator is sufficient to begin the course if more time/advice is needed to decide.

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Mr R Miles

TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	Algebra and functions • Trigonometry • Coordinate Geometry • Vectors	Differentiation • Integration • Parametric Equations • Sequences and Series • Binomial expansion • Methods of mathematical proof • Numerical methods for solution of equations
ASSESSMENT OPPORTUNITIES	Essential Skills test (week 2) Periodic Unit Tests	Periodic Unit Tests
2	Exponentials and logarithms • Differentiation • Integration Statistical sampling • Data presentation and interpretation Quantities and units in mechanics • Kinematics	3D Vectors Regression and correlation • Probability • The Normal Distribution Moments • Forces at any angle • Friction • Projectile motion • Statics * Dynamics • Variable acceleration
ASSESSMENT OPPORTUNITIES	Periodic Unit tests	PPE (January)
3	Probability • Statistics Distributions • Statistical Hypothesis testing Forces and Newton's laws •	Statistical hypothesis testing Preparation for summer examinations



	Variable acceleration	
ASSESSMENT OPPORTUNITIES	End of Year PPE on Pure and Applied maths	FINAL EXAMINATIONS 2 x 2hr papers in Pure Mathematics 1 x 1hr paper in Statistics and Mechanics

FURTHER MATHEMATICS: EDEXCEL([BACK TO CONTENTS](#))

OVERVIEW

For students who enjoy mathematics, the study of Further Mathematics provides additional challenge, and the opportunity to explore new mathematical concepts. Students enhance their skills of analysis and mathematical reasoning. Further Mathematics forms a bridge to degree courses with a mathematical foundation such as the sciences, engineering, computing, economics, or, of course, mathematics itself. It develops a rigour of logical argument that is beneficial for success in many other disciplines at University level. Students of Further Mathematics also find that it reinforces and consolidates skills required for the standard mathematics A level, and find it a rewarding and enjoyable subject to study

SUBJECT CONTENT

Further Mathematics A level includes topics in pure mathematics (about 50% of the course), as well as statistics and mechanics (about 25% each). In pure mathematics students are introduced to aspects not previously encountered, such as complex numbers, matrices and further methods of mathematical proof. The course also builds upon skills introduced in A level Mathematics in the fields of vectors, calculus and functions. In the second year of study we develop these ideas further and introduce additional techniques such as polar coordinates, hyperbolic functions and differential equations. In Further Mechanics students extend their skills from the mathematics course, covering topics such as momentum and impulse, collisions, centres of mass, work and energy, elastic strings and springs. These complement work they are doing in Physics (if they are studying it) but approach the subject from a more mathematical, problem solving direction. Further Statistics includes linear regression, discrete and continuous statistical distributions, correlation, statistical hypothesis testing and chi-squared tests. These are all extremely useful techniques for students who may need to do statistical analysis of data in other subjects or in the future. The combination of the techniques studied in pure mathematics, and their application in statistics and mechanics allow students to use mathematics to model some quite sophisticated real-life situations and gain the satisfaction of predicting results that actually work, as well as appreciating the applicability and limitations of mathematical models.

ENTRY REQUIREMENTS

It is essential that students studying this course have a considerable interest and appreciation for mathematics, together with a proven aptitude for the subject. They should be conversant with all aspects of the higher tier GCSE course, which needs to be reflected in a grade 8 or 9.

ASSESSMENT OBJECTIVES

- AO1 Use and apply standard techniques (approx. 60%)
- AO2 Reason, interpret and communicate mathematically (at least 10%)
- AO3 Solve problems within mathematics and in other contexts (at least 10%)

ASSESSMENT STRUCTURE

Throughout the course, students will be set assignments on a regular basis, and are expected to consolidate classroom learning through further practice between lessons. In additions there will be formal assessments at appropriate intervals conducted under examination conditions. External assessment is based entirely on four terminal examinations (two on pure mathematics and one in each of statistics and mechanics).

GROUPINGS

We typically have one class studying Further Mathematics (depending on demand) who also study their mathematics A-level in the same group. Class sizes vary from year to year.

SUPERVISED STUDY INFORMATION



Supervised study is an opportunity to consolidate learning from recent lessons, completing text book exercises, reviewing and responding to teacher feedback or practising examination standard questions.

EXTENDED STUDY INFORMATION

- MyMaths A-Level activities
- Past Papers on exam board web site (or other publicly accessible web sites)
- University of Oxford Maths Admission Test ("MAT") [past papers](#)
- Test of Mathematics for University Admission (TMUA) [past papers](#)
- Optional challenge/extension questions at end of homework activities
- www.nrich.org.uk

ENRICHMENT OPPORTUNITIES

Students are invited to participate in the UK Senior Maths Challenge which takes place in October each year and is open to both Year 12 and Year 13. .

EQUIPMENT NEEDED

Students **must** have a calculator includes the following features:

- an iterative function
- the ability to compute summary statistics and access probabilities from standard statistical distributions.

The minimum specification required is the Casio fx-991CW+ calculator (or equivalent). Further Mathematics students find it particularly advantageous to have a graphical calculator, our recommendation being the NumWorks Graphing Calculator. A GCSE calculator is sufficient to begin the course if more time/advice is needed to decide.

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Mr R Miles

TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	Year 1 of the A-level Mathematics Pure and Statistics courses. Core Pure Mathematics 1: Complex numbers • Algebra and Functions • Matrices	Further Mechanics 1 (AS content): Momentum and Impulse • Work, Energy and Power • Elastic collisions in one dimension Core Pure Mathematics 2: Complex numbers • Hyperbolic Functions • Polar Coordinates • Further algebra and functions Further Statistics 1: Geometric and negative binomial distributions • Hypothesis testing • The Central Limit Theorem • Chi squared tests • Probability generating functions • Quality of tests
ASSESSMENT OPPORTUNITIES	Essential Skills test (week 2) Periodic Unit Tests.	Periodic Unit Tests.
2	Core Pure Mathematics 1 (cont.):	Core Pure Mathematics 2: Further calculus • Differential equations



	Matrices • Mathematical proof • Vectors • Calculus Further Statistics 1: Poisson and binomial distributions • discrete probability distributions • Hypothesis testing • Chi squared tests Year 1 of the A-level Mathematics mechanics course Begin Pure Mathematics (Year 2 course)	Further Mechanics 1 (Year 2 content): Momentum and impulse • Elastic collisions in two dimensions • Elastic strings and springs
ASSESSMENT OPPORTUNITIES	Periodic Unit Tests.	PPE (January)
3	Year 2 A-level Pure Mathematics Year 2 course Year 2 A-level mathematics Mechanics	Finishing off, preparation for summer examinations
ASSESSMENT OPPORTUNITIES	End of year 12 PPE on the year's work.	A-level examinations are • Two 1½ hr papers in Pure Mathematics (all content) • One 1½ hr paper in Further Statistics • One 1½ hr paper in Further Mechanics. During the year there will be periodic Unit Tests throughout the course.



TERM	COURSE CONTENT: Knowledge and skills
	Year 12
1	Teacher 1: Maths for Personal Finance, Analysis of data Teacher 2: The normal distribution, Confidence Intervals, Scatter Diagrams and estimation.
ASSESSMENT OPPORTUNITIES	Half termly assessments for each teacher's content. Fortnightly mini-assessments/assessed homework.
2	Teacher 1: Fermi Estimation, Review and revision of Paper 1. Teacher 2: Critical Analysis, Review and revision of Paper 2.
ASSESSMENT OPPORTUNITIES	End of topic assessments. Fortnightly mini-assessments/assessed homework PPE/Test at February half term
3	Exam paper practice and preparation for examinations. Studying of preliminary material.
ASSESSMENT OPPORTUNITIES	FINAL EXAMINATIONS There are two 1 ½ hr terminal papers: Paper 1: compulsory content Paper 2: statistical techniques These lead to a Level 3 qualification "Level 3 Mathematical Studies" from Edexcel, equivalent in value to an AS-level. There will be periodic topic testing throughout the course.



MATHEMATICS GCSE RESIT: EDEXCEL ([BACK TO CONTENTS](#))

OVERVIEW

Students who join the Sixth Form without a grade 4 in Mathematics GCSE need to continue to study the subject in order to try to improve their grade. It is extremely important to leave school with the best possible grade in Mathematics, and through a bespoke programme of study we support students in identifying and closing gaps in their skills and knowledge. We provide two opportunities to re-sit the examinations; November and June and, if necessary, this can continue through Year 13.

SUBJECT CONTENT

Students will sit three examinations in the November and/or summer series. The assessments will cover the following content headings: • Number • Algebra • Ratio, proportion and rates of change • Geometry and measures • Probability • Statistics Two tiers are available: Foundation and Higher (content is defined for each tier). Each student is permitted to take assessments in either the Foundation tier or Higher tier. The qualification consists of three equally-weighted written examination papers at either Foundation tier or Higher tier. All three papers must be at the same tier of entry and must be completed in the same assessment series.

ENTRY REQUIREMENTS

Students should have followed a GCSE course in Mathematics in order to enter as a re-sit candidate. We are following the Edexcel Mathematics course but students who have previously been entered for other examination boards may be accommodated, subject to the agreement of the Head of Subject. A commitment to achieving a grade 4 or higher in the subject is definitely required.

ASSESSMENT OBJECTIVES

AO1 Use and apply standard techniques
AO2 Reason, interpret and communicate mathematically
AO3 Solve problems within mathematics and in other contexts

ASSESSMENT STRUCTURE

• Paper 1 is a non-calculator assessment. • Paper 2 and Paper 3 are calculator papers. • Each paper is 1 hour and 30 minutes long and contains 80 marks. Please note that examination results for the November series are not released until the following January. Students will need to continue attending lessons in the interim in case they need to be re-entered for the examination in the summer series.

GROUPINGS

Number and size of groups varies but there is usually one small class.

HOMEWORK INFORMATION

1. Researching a topic for self-study and enrichment
2. Consolidate classroom learning through further examples including past papers
3. MyMaths activities including GCSE grade booster packs
4. Revision for tests through completing questions, chapter reviews etc.
5. Self-assessment: reviewing of performance against benchmarks and grade descriptors.

SUPERVISED STUDY INFORMATION

n/a

EXTENDED STUDY INFORMATION

- MyMaths GCSE graded booster pack activities www.mymaths.co.uk
- Past papers available on Edexcel or other public websites
- Optional challenge/extension questions at end of homework activities
- Useful websites: <http://www.bbc.co.uk/education/subjects/z6pfb9q> www.emaths.org.uk
www.mathsguru.co.uk <http://nrich.maths.org> <http://www.hegartymaths.com>

ENRICHMENT OPPORTUNITIES

There will be opportunities for students to be able use their mathematical knowledge and skills through extended activities and “Rich Tasks” that will help them to develop their functional skills. We feel that it is



important that every student knows how to apply the skills gained in lessons to be able to solve real life problems. The new GCSE specifications also incorporate this into its syllabus as a matter of course.

EQUIPMENT NEEDED

Maths geometry equipment (ruler, compasses, protractor, pencil, eraser) and a scientific calculator.

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Mrs J Bhadye

TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	Diagnostic assessment and identification of needs. Topic work as required. Past paper practice	As Year 12 if required
ASSESSMENT OPPORTUNITIES	November re-sit opportunity	
2	Topic work as required. Past paper practice	
ASSESSMENT OPPORTUNITIES	Topic tests as appropriate	
3	Past paper practice	
ASSESSMENT OPPORTUNITIES	Final examinations	



MUSIC: EDUQAS ([BACK TO CONTENTS](#))

OVERVIEW

A music qualification is highly regarded in many occupational areas. Apart from leading to specialist careers in music and the arts, this qualification can highlight other attributes: the capability to work independently and as part of a group and the ability to show initiative as well as developing practical and academic skills. The Eduqas syllabus is popular because of its variety, and the fact it covers all the key musical skills of performing, composing and listening. Students study a wide range of musical styles from classical to rock and pop, 20th century music to musical theatre and jazz. The course is suited to anyone who has a keen interest in creating and listening to different styles of music and who wishes to broaden their experience and deepen their understanding of both live and recorded music.

SUBJECT CONTENT

Students can choose either option A where they specialise in performance or option B where they specialise more in composition.

Component 1: Performing

Option A: Performing (35%)

- A minimum of 3 pieces
- 10–12 minute recital
- One piece must be as a soloist, other pieces can be as a soloist and/or as part of an ensemble

OR

Option B: Performing (25%)

- A minimum of 2 pieces
- 6-8 minute recital
- As a soloist and/or as part of an ensemble

Component 2: Composing

Option A: Composing (25%)

- 2 compositions lasting 4-6 minutes
- 1 composition based on the Western Classical Tradition in response to a brief
- 1 free composition

OR

Option B: Composing (35%)

- 3 compositions lasting 8-12 minutes
- 1 composition based on the Western Classical Tradition in response to a brief
- 1 composition based on a different area of study
- 1 free composition

Component 3: Appraising (40%)

- 2 hours & 15-minute exam
- Questions are based on 3 areas of study
- Compulsory area of study – The Western Classical Tradition (the development of the symphony)
- One area of study from: Rock and Pop, Musical Theatre or Jazz
- One area of study from: Into the 20th Century or Into the 21st Century

ENTRY REQUIREMENTS

At the start of the course the ability to play an instrument to at least grade 5 is essential for the practical demands of the course. Candidates who can read music and who have at least a GCSE grade 5 in music are more likely to succeed at A level.

ASSESSMENT OBJECTIVES



AO1 - Interpret musical ideas through performing, with technical and expressive control and an understanding of style and context
AO2 - Create and develop musical ideas with technical and expressive control and coherence
AO3 - Demonstrate and apply musical knowledge
AO4 - Use analytical and appraising skills to make evaluative and critical judgements about music

ASSESSMENT STRUCTURE

Please see subject content above

GROUPINGS

Class sizes are small which allows for the individual needs of the students to be catered for

SUPERVISED STUDY INFORMATION

A-level music students are allowed to work in the music department during their supervised study lessons. During this time, they may practice for their performance, work on the composition tasks and complete practice listening questions.

EXTENDED STUDY INFORMATION

- Encourage further reading around set works and associated composers.
- Make connections between set works and other works by the same composer/ artist.
- Encourage further listening around set works and in more general terms to extend a broader knowledge of musical styles.

ENRICHMENT OPPORTUNITIES

The Music Department regularly organises trips to see concerts and musicals to enrich the students' learning. As an A level music student, it is expected that you will regularly participate in at least one extra-curricular activity at school each week. This could be as a performer, a conductor, an accompanist or a coach for the younger years' activities. There are plenty of extra-curricular opportunities to choose from and you are encouraged to start your own groups too. Our extra-curricular programme includes senior and junior bands, musical theatre group, choir, strings group and brass band.

A-level music students are also expected to perform in the termly concerts.

EQUIPMENT NEEDED

Manuscript book
Scores of set works
Instrument

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Miss J Pitman



TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	Introduction to the course Practice performances Music theory Elements of Music History of music Development of the symphony Composers' toolkit	Practice performances Set works Compositions
2	Practice performances Development of the symphony Composers' toolkit	Performance recital Set works Compositions
3	Practice performances Development of the symphony Set works Compositions	Revision on set works
ASSESSMENT OPPORTUNITIES	Through the year students will complete a practice perform once a half term which is assessed using the A-level mark scheme. As the year progresses, students will be expected to perform a longer period of time. Students will also complete mini composition tasks based on the set works they are studying. At the end of each set work, student will complete an exam style listening question and an essay question.	Students will perform their final recital between March and April of year 13. Students will receive regular feedback on their compositions using the A-level mark scheme. Students will continue to complete an exam style listening question and an essay question after each set work.



PHILOSOPHY & ETHICS: OCR ([BACK TO CONTENTS](#))



TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	Philosophy: Ancient Greeks and Soul, Mind and body Ethics: Natural Law and Situation Ethics Buddhism: Life of the Buddha and Taking Refuge	Philosophy: Religious Experience Ethics: Meta Ethics Buddhism: Buddhism in the Far East and Buddhism in the Far West
2	Philosophy: Arguments for the existence of God Ethics: Utilitarianism and Kantian Ethics Buddhism: Samsara, Three Marks of Existence and Four Noble Truths	Philosophy: Attributes of God Ethics: Conscience Buddhism: Madhyamaka and Prajnaparamita, Engaged Buddhism
3	Philosophy: Problem of Evil Ethics: Euthanasia and Business Ethics Buddhism: Meditation and Development of Mahayana Buddhism	Philosophy: Religious Language Ethics: Sexual Ethics Buddhism: Buddhism and Gender
ASSESSMENT OPPORTUNITIES	Through the year (and in the middle or the end of each unit) students will complete milestone essays under timed conditions in class or as homework, which are given thorough feedback and exemplar answers are shared, to help students progress. At the end of year 12 there will be a prelim examination where all three elements of the course are equally assessed.	Through the year (and in the middle or the end of each unit) students will complete milestone essays under timed conditions in class or as homework, which are given thorough feedback and exemplar answers are shared, to help students progress. In Year 13 there will be a prelim examination where all three elements of the course are equally assessed.

OVERVIEW

Philosophy, Ethics and Religion explores the way we view the world and how we understand human nature. Ethical issues dominate the newspapers and questions concerning the right and wrong way to behave are pertinent in every area of life. During lively lessons, students are encouraged to question, discuss and present their own arguments, comparing and contrasting these with the theories of great thinkers.

The skills developed are applicable in careers such as medicine, law and business, as well as being valuable preparation for university. This subject is also highly regarded by Russell Group universities.

SUBJECT CONTENT

Year 12: In philosophy, students will appreciate ancient philosophical influences and then evaluate the success of several classical arguments for the existence of God. The authenticity of religious experience will be questioned and finally the challenge of the problem of evil will be explored. In Ethics, students will



look at normative ethical theories and begin to apply these theories to contemporary moral dilemmas. Students will also discover Buddhist ideas about human nature and sources of religious authority.

Year 13: Students will delve into the nature of the soul, mind and body, the possibility of life after death, the nature of God and issues surrounding religious language. In Ethics, the nature of ethical language will be analysed, alongside debates surrounding conscience and free will. Finally, students will explore the diversity within Buddhism, Buddhist responses to modern dilemmas such as gender equality, the environment and war, alongside analysing a range of Buddhist world views.

ENTRY REQUIREMENTS

Whilst it is a help, it is not necessary to have a GCSE in Religious Studies. Candidates will need at least a GCSE at Grade 4 in English, however, as this is an essay-based subject, excellent literacy skills are imperative. In addition to an interest in the subject, students will need to have a positive attitude towards background reading and developing a fluent essay writing style.

ASSESSMENT OBJECTIVES

A01- knowledge and understanding (40%)

A02- evaluation and analysis (60%)

ASSESSMENT STRUCTURE

Three examinations will take place at the end of the A2 course, with each exam lasting two hours.

GROUPINGS

Approximate group sizes= 12 students on average

SUPERVISED STUDY INFORMATION

Students should dedicate 1/3 of their supervised study time to Religious Studies.

Tasks will be set each week and should take approximately 1 hour to complete.

Tasks include: essay planning, wider reading, comprehension tasks and research on specific topics.

EXTENDED STUDY INFORMATION

- Use textbooks and the websites to read around the topics, especially focusing on gathering the views of scholars to use in analysis and evaluation:
<https://revisionworld.com/a2-level-level-revision/religious-studies-level-revision>
<http://www.mel-thompson.co.uk/>
<https://www.thestudentroom.co.uk/a-level/subjects/religious-studies/>
<https://peped.org/philosophicalinvestigations/> (select the discipline- Ethics or Philosophy at the top of the page under subjects)
- Students can extend their learning by engaging with ethical issues in the news, and by watching television programming about religious, philosophical and ethical issues.
- Reading philosophical and ethical texts, for example the writings of philosophers such as John Hick or Richard Swinburne.
- Using past examination papers and sample papers (available on the OCR website and our own google classrooms pages) to attempt practice essays or write essay plans.
- Independent wider reading is essential for success at AS and A2 Level – pupils should use reading lists provided by teachers.
- Engage with extra-curricular activities, such as supporting the delivery of Philosophy Club to Foundation students and completing an EPQ on any religious or philosophical enquiry question
- Utilise our department's A level google classrooms pages:
 - A level Philosophy: hwfwwvok
 - A level Ethics: ttvieej
 - A level Buddhism: jb544iw

ENRICHMENT OPPORTUNITIES

There is a wealth of excellent enrichment available to students on the internet and on our google classrooms page, including access to original source texts and podcasts from philosophers, as well as



there being an academic reading library in G2. University of Chester lectures have also been made available to our students, to support students' understandings of the A level course and beyond.

Regular exposure to current affairs is to be encouraged and A level students have two sessions throughout the course delivered by RE Inspired who explore the philosophical topics of the Problem of Evil in year 12 and Religious Experiences in year 13.

In addition, a local Buddhist holds a seminar for our KS5 students to enrich their understanding of the chosen religion.

EQUIPMENT NEEDED

Philosophy and Ethics:

OCR A level Religious Studies – Year 1 by Wilkinson, Wilcockson and Campbell

ISBN: 9781471866692

OCR A level Religious Studies- Year 2 by Wilkinson, Wilcockson and Campbell

ISBN: 9781471866746

Optional:

- Cush, D. (1993) 'A student's approach to world religions: Buddhism'
- Harvey, P. (2012) 'An introduction to Buddhism: teachings, history and practices'
- 'The Puzzle of God' (1999) by Peter Vardy. This text contains key chapters on a range of Philosophy units, particularly helpful for Miracles and the Nature of God.
- 'The Puzzle of Ethics' (1999) by Peter Vardy. This text contains useful chapters on a range of Ethical theories, with some chapters on the application of these theories to issues such as euthanasia and abortion.

TEXTBOOKS OR REVISION GUIDES

Philosophy and Ethics:

OCR A level Religious Studies – Year 1 by Wilkinson, Wilcockson and Campbell

ISBN: 9781471866692

OCR A level Religious Studies- Year 2 by Wilkinson, Wilcockson and Campbell

ISBN: 9781471866746

Philosophy: My Revision Notes OCR A Level Religious Studies: Philosophy of Religion

Ethics: My Revision Notes OCR A Level Religious Studies: Religion and Ethics

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Mrs S Thomas



PHYSICAL EDUCATION: OCR ([BACK TO CONTENTS](#))

OVERVIEW

A level PE allows students to explore a number of completely different aspects of sports participation. It is this breadth, together with the nature of the syllabus that allows us to offer a range of teaching and learning styles; students will often find themselves engaged in practical activity in order to further their understanding of theory. They will combine their practical performances, in one chosen activity, with academic assessments in pursuit of a strong overall grade. Our large indoor sports hall, two designated classrooms and an Astroturf pitch provide for a thoroughly enjoyable learning experience. A level physical education is recognised by all Universities as a scientific- academic qualification and is particularly useful in the pursuit of places on sports science, Physiotherapy and sports related teaching courses.

SUBJECT CONTENT

The AS syllabus currently has three strands, each of which allows students to study an entirely different aspect of sports participation and surrounding issues. The contemporary studies module offers students the chance to explore a range of issues surrounding the modern day sporting world. It is during this time that students will consider sociological elements such as football hooliganism and sponsorship and their impact on the development of selected, high profile sports. Physical Education students will also study anatomy and physiology. Following a brief section based around the workings of the bones and muscles in the human body, movement analysis projects become prevalent. The acquisition of skill component of the syllabus focuses upon how humans learn. In particular, students will consider the coaching methods and learning environments that are beneficial to particular groups of individuals in a sporting context. In the history of sport component students will consider the factors in the development of several different competitive sports. For example, the Industrial Revolution, associated developments in transport links and the need for a release from the monotony of working life are considered in relation to the development of Association Football. Exercise physiology focuses on how the body prepares itself for and recovers from exercise. Sports psychology gives students an insight into how they can mentally prepare themselves for big events and ensure that peak physical conditioning is not undermined by anxiety and negative psychological factors.

ENTRY REQUIREMENTS

A grade 5 or better in GCSE Combined Science is required as A level physical education is an academic qualification. Prospective students must be regular participants in at least one competitive activity.

ASSESSMENT OBJECTIVES

- AO1** Demonstrate knowledge and understanding of the factors that underpin performance and involvement in physical activity and sport.
- AO2** Apply knowledge and understanding of the factors that underpin performance and involvement in physical activity and sport.
- AO3** Analyse and evaluate the factors that underpin performance and involvement in physical activity and sport.
- AO4** Demonstrate and apply relevant skills and techniques in physical activity and sport.
Analyse and evaluate performances.

ASSESSMENT STRUCTURE

Assessment of the course is completed by written examination, a formal analytical task and practical assessment of one chosen sporting activities.

GROUPINGS

20

SUPERVISED STUDY INFORMATION

- Reading over notes made in class.
- Consolidating knowledge by making additional notes from the text book
- Research case studies



- Create revision notes
- Reading and documentaries

EXTENDED STUDY INFORMATION

- Past papers
- Additional research on each topic.
- Revision and creation of own revision tools.
- Review topics to identify personal areas of strengths and focus for development.

ENRICHMENT OPPORTUNITIES

A level physical education students will benefit from participating in a variety of sporting fixtures.

EQUIPMENT NEEDED

PE kit
Text book
Folders

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Mr J Flynn



TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	Physiological factors affecting performance Applied anatomy and Physiology - Skeletal and Muscular systems - Cardiovascular and respiratory systems	Physiological factors affecting performance Exercise Physiology Psychology Sports Psychology
2	Social cultural issues Sport in society Contemporary issues in Sport	Biomechanics Evaluation and analysis of performance for improvement
3	Physiological factors affecting performance Diet and nutrition and their effect Preparation and training methods	Physiological factors affecting performance – Injuries and prevention in Sport Performance in Sport
ASSESSMENT OPPORTUNITIES	A2 style examination question – at the end of each unit.	A2 style examination question – at the end of each unit.

OCR Level 3 Cambridge Technical Extended Certificate in Sport and Physical Activity

OVERVIEW

It will provide learners with the opportunity, through applied learning, to develop core principles and knowledge and understanding required in the sport and physical activity sector. The Extended Certificate is an Applied General qualification and takes 360 guided learning hours to deliver which means it is equivalent to one A Level. Taking the Extended Certificate alongside other vocational or academic qualifications would allow learners to study sport and physical activity, or another related sector, in higher education or further study.

SUBJECT CONTENT

Learners will take between five and six units made up of mandatory and optional units:

Everybody will study the following mandatory units:

- Body systems and the effects of physical activity
- Sports coaching and activity leadership
- Sports organisation and development

These units will give learners an understanding of sport in the wider contexts of coaching and leadership, anatomy and physiology, the body's short- and long-term responses to physical activity and the framework of sport in the UK and the organisations involved. Learners will also develop transferable skills such as planning, communication, adaptability and leadership.

ASSESSMENT OBJECTIVES

Pass, Merit or Distinction.

Each internally assessed unit achieved will be graded as Pass, Merit, or Distinction.

Learners who don't achieve at least a Near-Pass or a Pass in a unit will be unclassified.

A learner must get at least:

- a Near-Pass for each examined unit, and



- a Pass for each internally-assessed unit to be awarded the qualification they have entered for. Qualifications are graded using a Pass, Merit, Distinction, Distinction* (and Unclassified) structure.

ASSESSMENT STRUCTURE

Students will study between five to six different units, depending on the guided learning hours that make up the units. They will study three compulsory units, two of which are exam based. The following three to four units are

Units 1 (1.30 hour paper) and 3 (1 hour paper) are assessed by exam and graded by the exam board.

All the other units are internally assessed by centre staff and externally moderated by the exam board. They will complete assignments within the units and these can be assessed in a variety of ways such as reports, presentations, posters, interviews and practical observations

GROUPINGS

Mixed ability

HOMEWORK INFORMATION

When completing assignments for the internally assessed units, these will vary in length of completion depending on what is required for the criteria of the assignment. Students will be given deadlines for the completion of the assignments for their first draft and then their final submission after receiving the feedback.

EXTENDED STUDY INFORMATION

Reading around the subject

Creating revision notes and resources

Research case studies

ENRICHMENT OPPORTUNITIES

Students will benefit from participating in a variety of sporting fixtures. Help with coaching extra-curricular clubs for the younger year students

EQUIPMENT NEEDED

PE kit

Text book

Folders

USEFUL ONLINE INFORMATION/ONLINE RESOURCES

<https://www.ocr.org.uk/qualifications/cambridge-technicals/sport-and-physical-activity/#level-3>

TEXTBOOKS OR REVISION GUIDES

Cambridge Technicals Level 3 Sport and Physical Activity

Suzanne Bointon, Helen Bray, Scott Chapman, James Martin, Alister Myatt, Annette Short

ISBN: 9781471874857

CONTACTS / ANY FURTHER INFORMATION

Mr Flynn



TERM	Year 12	Year 13
1	Unit 1- Body systems and the effects of physical activity Unit 2- Sports coaching and activity leadership	Unit 3- Sports organisation and development 2-3 Optional units to completed
2	Unit 1- Body systems and the effects of physical activity Unit 2- Sports coaching and activity leadership	Unit 3- Sports organisation and development 2-3 Optional units to completed
3	Unit 1- Body systems and the effects of physical activity Unit 2- Sports coaching and activity leadership	Unit 3- Sports organisation and development 2-3 Optional units to completed
Assessment opportunities	Unit 1- practice papers throughout Exam to be sat in May/June Unit 2- assignments completed throughout the year	Unit 3- practice papers throughout Exam to be sat in January 2-3 optional units; assignments completed throughout the year



PHYSICS: AQA ([BACK TO CONTENTS](#))

OVERVIEW

Physics is the study of the universe. A Physicist studies everything from the smallest particle to the largest galaxy and everything in between. Physics is the most fundamental of the sciences and underpins chemistry, biology and engineering as well as many other scientific disciplines. As a highly regarded subject for higher education, studying A Level physics does not restrict your options, it expands them. It is useful for courses such as medicine, finance and computing and is essential for courses such as engineering. Research also suggests that students with a physics A level will be more likely to enter higher wage professions upon entering the world of work as employers recognise the rigour of the course and the transferable skills that are acquired whilst studying it, making it a gateway subject for a vast range of careers. People with a background in physics are in increasing demand to monitor climate change, find sustainable ways of generating electricity, contribute to the advances in medical physics, conduct fundamental research and much, much more.

ASSESSMENT OBJECTIVES

The exams will measure how students have achieved the following assessment objectives.

AO1: Demonstrate knowledge and understanding of scientific ideas, processes, techniques and procedures.

AO2: Apply knowledge and understanding of scientific ideas, processes, techniques and procedures:

- in a theoretical context
- in a practical context
- when handling qualitative data
- when handling quantitative data.

AO3: Analyse, interpret and evaluate scientific information, ideas and evidence, including in relation to issues, to:

- make judgements and reach conclusions
- develop and refine practical design and procedures.

ASSESSMENT STRUCTURE

Paper 1		Paper 2		Paper 3
What's assessed Sections 1–5 and 6.1 (Periodic motion)		What's assessed Sections 6.2 (Thermal Physics), 7 and 8 Assumed knowledge from sections 1 to 6.1		What's assessed Section A: Compulsory section: Practical skills and data analysis Section B: Students enter for one of sections 9, 10, 11, 12 or 13
Assessed • written exam: 2 hours • 85 marks • 34% of A-level	+	Assessed • written exam: 2 hours • 85 marks • 34% of A-level	+	Assessed • written exam: 2 hours • 80 marks • 32% of A-level
Questions 60 marks of short and long answer questions and 25 multiple choice questions on content,		Questions 60 marks of short and long answer questions and 25 multiple choice questions on content,		Questions 45 marks of short and long answer questions on practical experiments and data analysis. 35 marks of short and long answer questions on optional topic.



In addition to the examinations all students are expected to carry out 12 required practical experiments, which, if they show the correct level of competence, lead to a Practical Endorsement in Physics that is indicated on their A'Level certificate.

Assessment objectives (AOs)	Component weightings (approx %)			Overall weighting (approx %)
	Paper 1	Paper 2	Paper 3	
AO1	34	32	31	33
AO2	38	53	35	42
AO3	28	15	32	25
Overall weighting of components	34	34	32	100

GROUPINGS

There two or three Physics groups in each year with between 15 and 20 students
The groupings are made depending on the students' option choices

HOMEWORK INFORMATION

Homework is set each week by each teacher. Each should take about two hours.
There is an expectation that students should supplement this by spending time reading through the course textbook and other resources to annotate and extend their notes.

Entry Requirements

Students applying to study Physics in the Sixth Form must have achieved a grade 7 in Physics or grade 7s in combined science. Students must also gain a grade 6 in both GCSE mathematics

EXTENDED STUDY INFORMATION

Resources for extended reading and research are made available through the Physics Website
<https://sites.google.com/maidenerleghschools.co.uk/maiden-erlegh-school-physics-d/wider-reading?authuser=0>
<https://sites.google.com/maidenerleghschools.co.uk/maiden-erlegh-school-physics-d/personal-study-resources/factsheets-for-personal-study?authuser=0>
Curriculum Press worksheets will be posted on google classroom each week. These sheets link to the topic currently being taught and are for use by students during their private study sessions.

ENRICHMENT OPPORTUNITIES

We hope to run our annual trip to the Large Hadron Collider at CERN.
Each year students are entered for the Physics Olympiad.

EQUIPMENT NEEDED

Students are expected to bring the normal stationary to lessons, which includes a scientific calculator, pencil and ruler (preferably 30cm).

HOW CAN PARENTS SUPPORT THEIR CHILDREN?

There are open days at the Diamond Light Source in Didcot and the JET Laboratory in Culham.

USEFUL ONLINE INFORMATION/ONLINE RESOURCES

The Physics department has curated a number of resources which can found on its website:
<https://sites.google.com/maidenerleghschools.co.uk/maiden-erlegh-school-physics-d/home>

TEXTBOOKS OR REVISION GUIDES

Students should purchase the course text book, **AQA Physics by Jim Breithaupt** ISBN 978-0-19-835186-3 as this book will be used regularly in class and for homework. Please ensure that you buy the new book with the latest specification. This book covers the first year's content and the year 2 book will need to be purchased for Year 13.

CONTACTS / ANY FURTHER INFORMATION

Mrs. Suraweera (Head of Physics)



TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	Matter and Radiation (1) Quarks and Leptons (2) Forces and Equilibrium (6) On the move (7)	Simple Harmonic Motion (18) Thermal Physics (19) Nuclear Energy (27) Gravitational Fields (21)
ASSESSMENT OPPORTUNITIES	End of topic tests Required Practical	End of topic tests pre public examination Required Practical
2	Quantum Phenomena (3) Newton's laws of motion (8) Force and momentum (9)	Electric Fields (22) Capacitors (23) Gases (20)
ASSESSMENT OPPORTUNITIES	End of topic tests Required Practical	End of topic tests pre public examination Required Practical
3	Work, energy and power (10) Materials (11) Electric current (12) DC circuits (13)	Magnetic Fields (24) Rotational Dynamics (28.3)
ASSESSMENT OPPORTUNITIES	End of topic tests Required Practical	End of topic tests Required Practical
4	Waves (10)	Electromagnetic Induction (25) Thermodynamics and Engines (28.3)
ASSESSMENT OPPORTUNITIES	End of topic tests Required Practical	End of topic tests pre public examination Required Practical
5	Optics (14)	Revision
ASSESSMENT OPPORTUNITIES	End of topic tests Required Practical End of Year Exam	
6	Motion in a circle (17) Radioactivity (26)	
ASSESSMENT OPPORTUNITIES	End of topic tests Required Practical	FINAL EXAMINATIONS

N.B. ASSESSMENT OPPORTUNITIES = Formative activities



PSYCHOLOGY: AQA ([BACK TO CONTENTS](#))

OVERVIEW

Psychology is the scientific study of the mind and human and non-human behaviour. Psychologists observe and conduct experiments to find out more about the way people act and interact. They try to understand what motivates or changes humans and use this understanding to help tackle personal and social problems. If you study psychology, you'll be able to develop your analytical skills and learn about scientific research methods, including collecting and working with data. Learning about human behaviour can also help to build your communication skills and improve your teamwork and leadership skills. Psychology is useful for any job that requires interaction or an understanding of human behaviour and development. People with skills in psychology are sought after in business, management, teaching, research, social work and careers in medicine and healthcare. Psychologists can work in social care, mental health, education, business, research, and sports.

SUBJECT CONTENT

Students will follow the A level AQA specification linear programme. The A level consists of three papers. The following content will be covered over the two years:

Paper 1 Introductory topics in psychology: • Social Influence • Memory • Attachment • Clinical psychology

Paper 2 Psychology in context: • Approaches in psychology • Biopsychology • Research methods with inferential statistics

Paper 3 Issues and debates and other options: • Psychology of relationships • Forensic psychology • Schizophrenia • Issues and debates

ENTRY REQUIREMENTS

Psychology A level is scientific, and research based. It requires a good understanding of biology and a willingness to develop this further. It involves the use of mathematics and the ability to read around topics (a mixture of scientific and other research texts). It also involves writing academic essays. Typically, students will have at least a grade 5 in biology or combined science and a grade 5 in English *and* mathematics

ASSESSMENT OBJECTIVES

- **AO1:** Demonstrate knowledge and understanding of scientific ideas, processes, techniques and procedures.
- **AO2:** Apply knowledge and understanding of scientific ideas, processes, techniques and procedures: in a theoretical context, in a practical context, when handling qualitative /Quantitative data
- **AO3:** Analyse, interpret and evaluate scientific information, ideas and evidence, including in relation to issues, to make judgements and reach conclusions, develop and refine practical design and procedures.

ASSESSMENT STRUCTURE

•Students will be examined on each paper. Each written exam will be two hours, 96 marks in total and each paper is worth 33.3% of the A level. The paper will consist of each topic and they are assessed out of 24 marks.

•Questions will consist of multiple choice, short answer and extended writing.

•The skills that will be assessed are knowledge/ understanding, analysis/evaluation, and application.

Paper 1: Introductory topics in Psychology

Paper 2: Psychology in context

Paper 3: Issues and Options in Psychology

GROUPINGS

There are approximately 4 groups in Year 12 and 3 groups in Year 13. Class sizes can vary between around 22 to 28 students.

SUPERVISED STUDY INFORMATION

Regular guidance will be given on appropriate tasks to complete in Supervised Study. Activities often involve practice questions, research tasks, wider reading or producing revision resources.

EXTENDED STUDY INFORMATION



Students are expected to read the textbook in tandem with the topics taught in class. Throughout the course, on the psychology Google Classroom page there will be an extended reading looking at area of psychological research. This will sometimes link to topics under study but will sometimes reflect other wider issues, especially contemporary research.

ENRICHMENT OPPORTUNITIES

Psychology club runs every other Thursday in G10 where support is offered on topics taught in class, practice questions are worked through or recent research in psychology is discussed. There will also be several screenings of films or documentaries as part of a social science film club that runs throughout the year.

EQUIPMENT NEEDED

- Equipment – calculator
- ring-binder folders (one per teacher)
- A pad of A4 paper
- Folder dividers
- Black, Red, Green pens and highlighter pens
- A copy of each course pack (provided for free at the beginning of the course)
- Psychology textbook (AQA PSYCHOLOGY FOR A LEVEL YEAR 1 & AS STUDENT BOOK – 2ND EDITION; Cara Flanagan, Matt Jarvis, Rob Liddle; Illuminate Publishing; ISBN 9781912820429)
A digital version of this book will be made available for free to all students.

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Mr M Simon

m.simon@maidenerleghtrust.org



SOCIOLOGY: AQA ([BACK TO CONTENTS](#))

OVERVIEW

Sociologists study human behaviour and its relationship to society. The United Kingdom has a population of approximately 68 million people. Each person is unique as an individual, yet together they manage to establish connections with one another. Sociologists ask questions such as: how does a person's ethnicity, gender, social class and age shape and influence what they experience during their life? How do societies evolve and change over time? What makes some societies thrive and be successful, while others deteriorate and experience chaos? Studying sociology allows students to explore the world, and their place within it. Criminology is a particularly popular component of this course, allowing students to explore how we can best understand crime, criminals, and the way that the criminal justice system deals with both.

SUBJECT CONTENT

Year 12

The topics studied in year 12 will include Education, which will address issues such as: how does a person's social class background influence their progress and grade outcomes at school? Why has a gender-gap emerged over the years? And what is the fundamental role and purpose of the education system? Crime and Deviance (Criminology) addresses core themes, including: what motivates a person to commit crime? Is evidence accurate in highlighting 80% of criminals as male? Is gang-related crime in the UK really a problem in the way that the media can suggest? Is punishment actually helping to reduce crime and offending? What helpful information do victims of crime provide?

Year 13

The topics studied will include: Beliefs in Society, which will address issues such as why do people join sects and cults? Why is church attendance declining? Is there a future for religion? The study of Family life addresses questions such as: how can changing patterns of marriage and divorce be understood? Is it fair to say that childhood never existed centuries ago? Why do some feminists claim that the home is a harmful place for a woman? The study of Sociological Theory and Research Methods also underpins the Y13 course.

ENTRY REQUIREMENTS

No previous study of Sociology is required, but students need to read widely, take an active interest in current issues and be able to write essays fluently. Candidates must have at least a grade 4 in English language or English literature although a grade 5 or above is desirable due to the extensive essay writing underpinning this course.

ASSESSMENT OBJECTIVES

Assessment Objective 1 (AO1) *Knowledge and Understanding (of theories, research etc.)*

Assessment Objective 2 (AO2) *Application (of evidence, examples, research etc.)*

Assessment Objective 3 (AO3) *Analysis and Evaluation (of evidence, examples, research etc.)*

ASSESSMENT STRUCTURE

There are three examinations at the end of Year 13:

Paper 1 (X2 hours): Education with Theory and Methods

Paper 2 (X2 hours): Families & Households; Beliefs in Society

Paper 3 (X2 hours): Crime and Deviance with Theory and Methods

GROUPINGS

There are typically 3 groups in Year 12 and 3 groups in Year 13. Sociology is a popular subject, and students thoroughly enjoy the course. Class sizes are kept as small as possible and typically comprise at least 20 students. We are delighted that many students study the Social Sciences at university level.

SUPERVISED STUDY INFORMATION

- Students should work independently to produce revision and consolidation materials, such as mindmaps, flashcards and essay plans.



- Students to try to watch a news programme once a day or download the BBC news app in order to keep up with current affairs and how they link to content taught.
- Students should make full use of the course pack materials that will be available.
- Students should use their PLCs to make sure all content has been understood before attempting numerous past paper questions

EXTENDED STUDY INFORMATION

Students are expected to keep a regular eye on the BBC news pages, since these provide a wealth of information that is relevant to this course. Course packs should be used frequently in following the content of the course. Regular use of the information posted on google classroom is recommended.

ENRICHMENT OPPORTUNITIES

A series of documentaries will be screened as part of the social sciences film club. In-line with demand, debates around contemporary political issues are sometimes held.

EQUIPMENT NEEDED

X2 lever-arch ring binder folders (one per teacher)

A pad of A4 paper

Folder dividers

Highlighter pens

Green biro/pen which will be used to act upon feedback

A copy of each course pack (further information will be provided at the beginning of the course)

AQA A Level Sociology Themes and Perspectives Year 1 & AS (2018) Haralambos & Holborn (Optional)

AQA A Level Sociology Themes and Perspectives (2018) Haralambos & Holborn (Optional)

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Mrs L Garner l.garner@maidenerleghtrust.org



SPANISH: AQA ([BACK TO CONTENTS](#))

TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	<u>Aspects of Hispanic society</u>	<u>Multiculturalism in Hispanic society</u>
2	<u>Artistic culture in the Hispanic world</u>	<u>Aspects of political life in the Hispanic world</u>
3	<u>Literary texts and films</u>	<u>Literary texts and films</u>

OVERVIEW

The study of Spanish offers students the opportunity to learn one of the world's key languages, spoken by more than 500 million Spanish speakers in 21 countries: Andorra, Argentina, Bolivia, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, Equatorial Guinea, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Uruguay, Venezuela and Spain have Spanish as its national language; other places such as the USA has adopted and integrated Spanish into culture and everyday life due to the huge presence it has commanded in many states.

The ability to communicate in Spanish, therefore, gives you an advantage on the job market and opens the door to working for Spain and Spanish speaking countries globally. Spanish has emerged as the most important language for the UK in an analysis made by the British Council.

With an ever-increasing presence in the global market, emerging economies in the Americas mean that the chance of work and business opportunities from Spanish knowledge (whether working directly for or dealing with such companies) is increasing. For example, Mexico is seen as one of the fastest growing countries in the world, with a booming consumer market – knowledge of Spanish is essential to 'tap in' and access this market. The vast range of countries that speak Spanish makes an understanding of the language very useful for those who want to travel and experience such countries. Knowing the local language can greatly enhance one's experience, allowing them a greater understanding and appreciation of culture, history and the physical environment.

A range of aspects of culture in the Spanish-speaking world have become world-renowned and famous. Artists such as Salvador Dali, Pablo Picasso, Fernando Botero and Frida Kahlo have produced some of the most famous pieces of artwork in the modern era. Writers from Cervantes to Vargas, Llosa and García Márquez have enriched the world literature. A total of 11 Spanish-speaking writers have won the Nobel prize for Literature: five from Spain and six from Latin America.

A key element of the new course is research skills and presentation. In addition, you will study film and literature in general but through two key pieces of work. It is a stimulating and fascinating subject in its own right, but an excellent complement for a range of other subjects, academic and technical.

SUBJECT CONTENT

We have opted for the AQA A level course. A range of generally contemporary topics are studied:

Aspects of Hispanic society

- Modern and traditional values (*Los valores tradicionales y modernos*)
- Cyberspace (*El ciberespacio*)
- Equal rights (*La igualdad de los sexos*)



Artistic culture in the Hispanic world

- Modern day idols (*La influencia de los ídolos*)
- Spanish regional identity (*La identidad regional en España*)
- Cultural heritage (*El patrimonio cultural*)

Multiculturalism in Hispanic society

- Immigration (*La inmigración*)
- Racism (*El racismo*)
- Integration (*La convivencia*)

Aspects of political life in the Hispanic world

- Today's youth, tomorrow's citizens (*Jóvenes de hoy, ciudadanos del mañana*)
- Monarchies and dictatorships (*Monarquías y dictaduras*)
- Popular movements (*Movimientos populares*)

Literary texts and films

- The course includes the study and analysis of a Hispanic film (e.g. *Volver* (2006) by Pedro Almodóvar) and a literary work (e.g. *Réquiem por un campesino español*)

Individual 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 Spanish is spoken and conduct their own research, prepare an oral presentation and be prepared to respond to questions on the topic.

ENTRY REQUIREMENTS

In order to cope with the rigours of A level Spanish some linguistic competence is essential, but it is not the preserve of the most able linguists. We expect students to have gained at least a grade 5 at GCSE but also a passion for language and meaning and a desire to experiment with new vocabulary and grammar. You will need to be disciplined in working independently as well as collaboratively and have an ability to commit language to memory accurately.

ASSESSMENT OBJECTIVES

Assessment objectives (AOs) are set by Ofqual and are the same across all A-level Spanish specifications and all exam boards. The exams will measure how students have achieved the following assessment objectives:

AO1: Understand and respond:

- in speech to spoken language including face-to-face interaction
- in writing to spoken language drawn from a variety of sources.

AO2: Understand and respond:

- in speech to written language drawn from a variety of sources
- in writing to written language drawn from a variety of sources.

AO3: Manipulate the language accurately, in spoken and written forms, using a range of lexis and structure.

AO4: Show knowledge and understanding of, and respond critically and analytically to, different aspects of the culture and society of countries/communities where the language is spoken

Across assessment objectives AO1 and AO2, no more than 10% of the total marks for the qualification may be used for responses in English, including translation into English

ASSESSMENT STRUCTURE

- **Paper 1 (50%):** Listening, Reading and Writing
Duration: 2 hours 30 minutes; total raw mark: 100



- **Paper 2 (20%):** Writing

Duration: 2 hours; total raw mark: 80

- **Paper 3 (30%):** Speaking

Duration: 21–23 minutes (including 5 minutes supervised preparation time); total raw mark: 60

GROUPINGS

Usually, one class of 5-10 students in year 12. Years 12 and 13 can be taught together when applicable.

SUPERVISED STUDY INFORMATION

Students should make full use of the course pack materials that will be available. Reading around the subject, research, grammar exercises.

EXTENDED STUDY INFORMATION

The Best SPANISH Songs of All Time (top 100)

<https://www.youtube.com/playlist?list=PL5AB5121B1C573654>

Top 50 Spanish movies

<https://www.imdb.com/list/ls000377981/>

10 Essential youtubers

<https://www.lindsaydoeslanguages.com/10-essential-spanish-youtubers-to-help-you-learn-spanish/>

List of famous Spaniards/Latinos

<https://www.imdb.com/list/ls000020393/>

Spanish Television/Magazine/Newspaper/Radio:

Spanish television (catch-up TV):

www.RTVE.es

Diez minutos (Spanish magazine about celebrities)

<http://quemedices.diezminutos.es/>

Cadena SER (Spanish radio station)

<http://cadenaser.com/>

La Butaca (Spanish film reviews)

<http://www.labutaca.net/>

AS (Spanish sports newspaper)

<http://as.com/>

ENRICHMENT OPPORTUNITIES

- Speaking practices with native Speakers
- TRIPS and work experience TBD
- Debates with other schools.

EQUIPMENT NEEDED

A folder, pencil, rubber, glue sticks, ruler and a couple of writing pens are always essential in every Spanish lesson. Students may find that their own set of highlighters may be useful, but these are not compulsory.

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Mr G. Raso



THEATRE STUDIES: AQA ([BACK TO CONTENTS](#))

OVERVIEW

Our specification inspires students to become independent theatre makers with the skills they need to go on to higher education, whether that is to study a course in drama and theatre or another subject. It is varied, demanding and very rewarding, encouraging you to develop your own interests and skills relating to the world of theatre. Past students have gone on to Oxford, Cambridge, Bristol Old Vic Theatre School, Central School of Speech and Drama and Goldsmiths University, London, to name but a few of the institutions that acknowledge the merits of this course. Career paths are as varied as acting or directing, lighting and sound technicians, teaching, working in the media, in personnel, or management – all careers where employers value the confidence and maturity this course engenders.

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

Students choose to develop as a: • performer • designer (lighting, sound, set, costume, puppets) • director • combination of these.

SUBJECT CONTENT

The subject content details the knowledge, understanding and skills that students are expected to develop throughout the course of study. The subject content for A level Drama and Theatre is divided into three components: 1. Drama and theatre 2. Creating original drama 3. Making theatre In the practical components students may specialise in performing, lighting, sound, set, costume, puppets and/or directing.

ENTRY REQUIREMENTS

Applicants should have good literacy skills, as well a genuine interest in the study of plays and theatre. Applicants should have a minimum Grade 4 in English language or literature. GCSE drama is highly desirable, but not essential. A good work ethic is of prime importance, as is a commitment to group practical work. Visits to the theatre and rehearsals out of school hours will be regular features of this course.

ASSESSMENT OBJECTIVES

- AO1: Create and develop ideas to communicate meaning as part of the theatre making process, making connections between dramatic theory and practice.
- AO2: Apply theatrical skills to realise artistic intentions in live performance.
- AO3: Demonstrate knowledge and understanding of how drama and theatre is developed and performed.
- AO4: Analyse and evaluate their own work and the work of others.

ASSESSMENT STRUCTURE

Practical assessment: Devised performance and performance of an extract from a published play. Written coursework: 'Working Notebook', 'Reflective Report' Written examination: Three hour paper at the end of Y13

GROUPINGS

Usually 5-12 students in a class. Performance groups are between 2 and 5 students.

SUPERVISED STUDY INFORMATION

Students are expected to research and read around the topic being studied in class. Articles, interviews, website links, research tasks, exercises and books will be provided for this. Students should discuss with their teacher how and where to extend their learning. They are expected to condense notes on work covered during the week to consolidate their learning.

EXTENDED STUDY INFORMATION

Read other plays by the author of the set text • Search out further reading on key theatre practitioners • Take advantage of the rich and varied opportunities for seeing live theatre • Search for relevant video footage on Youtube (for example, performances of plays being studied, interviews with practitioners) • Engage in further reading on the theatre in general, or on specific areas being studied. (key titles include: 'Brecht on Theatre', Jacques Lecoq 'The Moving Body', 'The Frantic Assembly Book of Devising' •



Purchase or borrow the AQA Study Guides for A2 and read the relevant chapters to support homework tasks

ENRICHMENT OPPORTUNITIES

Involvement in extra-curricular drama is a key feature of life for Theatre Studies students at Maiden Erlegh School. They can expect to become involved in all or some of the following: school production, visits to theatres and from theatre companies, backstage tours and workshops with professional actors, helping out and or running lower school drama and directing clubs, assisting in drama lessons.

EQUIPMENT NEEDED

Drama footwear- clean socks/plimsolls with grips for practical work

CONTACTS / ANY FURTHER INFORMATION

Curriculum Leader: Mr J Whorriskey

TERM	COURSE CONTENT: Knowledge and skills	
	Year 12	Year 13
1	Study of Theatre Styles and Practitioners. The process of creating devised drama. Live Theatre review (Section C- in the written examination)	Study of Set Text B for the written exam: 'The Glass Menagerie' Devising an original piece of drama and writing the Working Notebook. Presentation of devised drama performance and Working Notebook
ASSESSMENT OPPORTUNITIES	Component 1: Students are assessed on analysis and evaluation of the work of live theatre makers – written. (Exam to be taken at the end of Year 13) There will be on-going formative assessment of work completed in class and at home.	Practical Examination, the Practical Performance of the devised piece and submission of the Working Notebook, examined internally and moderated externally.
2	Component 1: Study of a set text A – 'Jerusalem' (In preparation for the written exam – to be taken at the end of Year 13) Component 3: Study and performance of Extract 1 of a chosen play and accompanying notes on the creative process (the Reflective Report)	Performance of Extract 3 to an external examiner and submission of the final Reflective Report outlining the opportunities and challenges of the creative process. Revision Sections A, B and C for written examination.
ASSESSMENT OPPORTUNITIES	On-going formative assessment of work completed in class and at home.	Practical Examination and Reflective Report examined externally.
3	Component 3: Study and performance of Extract 2 and accompanying notes on the creative process (the Reflective Report) Component 1: Live theatre review (section C) Component 2: Creation and performance of a devised piece and Working Notebook to practise for Component 2 examination.	Preparation for the written paper
ASSESSMENT OPPORTUNITIES	On-going formative assessment of work completed in class and at home.	FINAL SUMMER EXAM