BISHOP HEBER HIGH SCHOOL

RESPECT • OPPORTUNITY • ACHIEVEMENT

Sixth Form
Provisional Course Guide
2022-2024

Headteacher – Mr. D.A. Curry B.Sc., (Hons), M.Sc., NPQH

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ART AND DESIGN

Study Level **Contact Details**
A- level **Subject Leader**
Ms S Forster (sforster@bishopheber.cheshire.sch.uk)

Course **A-level Art and Design**

Why study this subject?

Art and Design A-level offers the opportunity to really stretch the creative ability of students and we are proud to celebrate former students being accepted at internationally renowned prestigious art schools. A growing number of our students also successfully continue to study Architecture, History of Art and Graphic Design.
Students enjoy excellent support and varied schemes of study. The course is enhanced by varied trips and visits. We run an unendorsed Art and Design A-level which allows students to explore an exciting variety of both two and three-dimensional art as well as digital media and materials, encouraging experimentation, diversity and creative risk-taking.

Course Outline

Component 1: Personal Investigation
A practical investigation supported by written material. There will be a broad-based starting point in Year 12 set by the Art Department, such as: 'Contamination'.
This will involve initial skills-based workshops, followed by individual development of ideas leading to a deeper, focussed and independently led personal investigation. It will develop from initial intentions and evidence research, develop ideas and relate your work in meaningful ways to relevant critical/contextual materials.
This portfolio is supported by an essay.
Component 2: Externally set assignment
You will receive an AQA list of varied starting points from which to produce a visual response, with up to eight weeks preparatory time and culminating in the production of a final outcome within 15 hours controlled time.

Where might it lead?

If you are interested in pursuing a career in any of the creative industries such as Advertising, Architecture, Art, Crafts, Fashion, Film, Gaming Industries, Publishing or Graphics, then the Art and Design A-level course is a valuable choice for you to consider. The subject promotes real independent and creative thinking which are in high demand within the jobs market. The creative industries are thriving in the UK and have grown at double the rate of the economy as a whole during the last 10 years.

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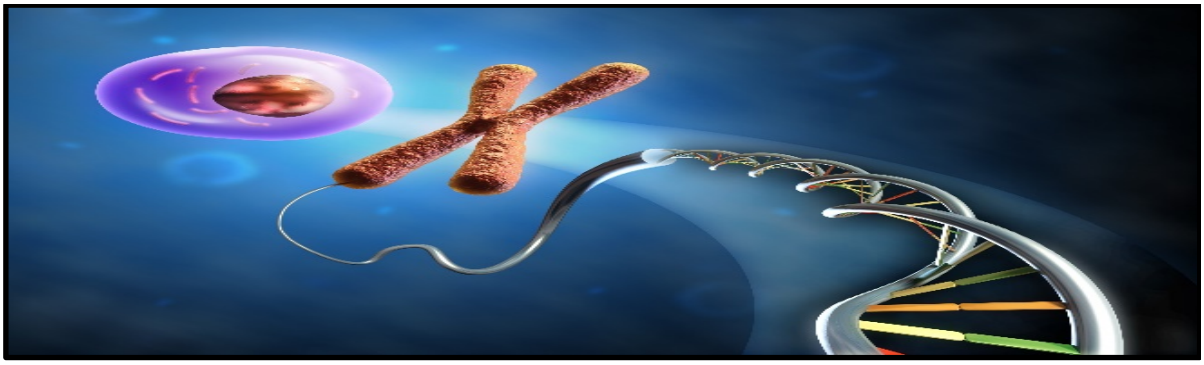
ART AND DESIGN

Entry Requirements: English Language, Maths and three other subjects at Grade 4 and above

Course breakdown and how the course will be assessed:

Examining Board:	AQA
Requirements:	**Component 1** (60%)**:** Personal Investigation supported by an essay of 1000-3000 words **Component 2** (40%)**:** Final exam (15 hours)
Examination Requirements:	• Preparatory Period (beginning February 1st) followed by 15 hours of supervised exam in April.
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• 2 hour Mock exam in June of Year 12 (Artist Research presentation) • Completion of Personal investigation in January of Year 13.
Additional Comments:	• All subject content aims to introduce a variety of media and processes in order to improve and broaden skills as well as develop knowledge, understanding and independent learning. • Students will demonstrate, through extended creative responses, their ability to draw together different areas of knowledge, skills and understanding from across their course study. • Sketchbooks and Portfolios will be offered to students at a reduced cost. • Keep up to date with Exhibitions and the coverage of Art topics in the media.
Websites:	• http://artuk.org/ (Art UK is a joint initiative between the Public Catalogue Foundation (now known as Art UK), 3,000 museums and other art collections, and the BBC. Great informative website.) • http://www.theguardian.com/artanddesign/art (A leading source for arts news and articles.) • http://www.emptykingdom.com/ (A group of artists, writers, filmmakers, musicians, designers, and thinkers busy overturning all the rules and trying to make the world a better place!) • http://designcollector.net/ (Art, design, illustration, photography, music, motion and visual overdose).

BIOLOGY



Study Level **Contact Details**
A-level **Head of Biology**
Mrs H Williams (hwilliams@bishopheber.cheshire.sch.uk)

Course **A-level Biology**

Why study this subject?

A Level Biology is an exciting and challenging subject. It covers key concepts of biology with practical skills integrated throughout the course. This enables students to develop transferable skills such as investigative, problem solving, research, mathematical and analytical skills. It is an excellent base for a university degree in healthcare, such as medicine, veterinary or dentistry, as well as the biological sciences, such as biochemistry, molecular biology, botany, or forensic science. Biology can also complement sports science, psychology, sociology and many more. Whilst a key course for those considering careers in the biological field, the transferable skills developed over the course are also useful for many other areas, such as law.

Course Outline

6 units covered over 2 years.

1 Development of practical skills in biology

2 Foundations in biology

3 Exchange and transport

4 Biodiversity, evolution and disease

5 Communication, homeostasis and energy

6 Genetics, evolution and ecosystems.

Including 12 Required Practicals

Where might it lead?

Possible career options

Studying A-level Biology at university gives you all sorts of exciting career options, including:

- Clinical molecular geneticist
- Dentist
- Marine Biologist
- Medicine
- Nature Conservation Officer
- Pharmacologist
- Research Scientist
- Secondary school teacher
- Veterinarian

Possible degree options

The top seven degree courses taken by students who have an A-level in Biology are:

- Biology
- Medicine
- Psychology
- Physiology and Pathology Pharmacology
- Sport and Exercise Science
- Toxicology and Pharmacy Chemistry.

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BIOLOGY

Entry Requirements: Higher Tier Biology at Grade 5
Plus English Language, Maths and two other subjects at Grade 4 and above.

Course Breakdown and how the course will be assessed

Examining Board:	OCR
Requirements:	• 100%- examinations • 12 Required Practical's • Practical work assessed in written exams • Mathematical skills
Examination Requirements:	**Paper 1** (37%) • Any content from topics 1,2,3 and 5 including relevant practical skills. Written exam, 2 hours 15 minutes. **Paper 2** (37%) • Any content from topics 1,2,4 and 6 including relevant practical skills. Written exam, 2 hours 15 minutes. **Paper 3** (26%) • Any content from topics 1–6, including relevant practical skills and an essay Written exam: 1 hour 30 minutes.
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• End of topic tests • Spot tests • Half termly tests, mocks in spring term and end of Year 12.
Additional Comments:	**TEXT BOOKS** CGP OCR Year 1 &2 Student book can be purchased from the science department for £20 (£38 online) ISBN: 9781789086676
Websites and revision resources	On SharePoint access to the following: Biology PiXL resources for each topic Exam questions booklets OCR website – specification, past exam papers. In addition: CGP Text book (supplied in school) CGP revision guides

BISHOP HEBER HIGH SCHOOL

BUSINESS

Study Level **Contact Details**
BTEC Level 3 **Subject Leader**
Mr B Lonergan (blonergan@bishopheber.cheshire.sch.uk)

Course **BTEC National Level 3 Extended Certificate (equivalent to one A-level)**

Why study this subject?

Business is a dynamic course that examines the fast-paced and ever changing business environment and current affairs in the wider world and prepares you with essential life skills. The Extended Certificate is for learners who are interested in learning about the business sector, with a view to progressing to a wide range of higher education courses or apprenticeship positions, not necessarily in business-related subjects.

The emphasis on this course is based very much on you acquiring the essential skills demanded by industry. Progress is made by successful completion of four units of study, two of which are assessed by coursework alongside two external examinations. This course will include several external visits to relevant businesses to give more context to the content taught and enhance learning outside of the classroom.

Course Outline

Topic 1 – Exploring Business (25% of final grade) Learners study the purposes of different businesses, their structure, the effect of the external environment, and how they need to be innovative to survive.

Topic 2 – Developing a Marketing Campaign (25% of final grade) Learners will gain skills relating to, and an understanding of, how a marketing campaign is developed.

Topic 3 – Personal and Business Finance (33% of final grade) Learners study the purpose and importance of personal and business finance. Developing the skills and knowledge needed to understand, analyse and prepare financial information.

Topic 4 – Recruitment and Selection (17% of final grade) Learners explore how the recruitment process is carried out in a business. The unit gives learners the opportunity to participate in selection interviews and review their performance.

Where might it lead?

Business is a growth subject which equips students with an understanding of the business environment and will also develop their everyday life skills required in the outside world. The subject is increasingly popular as an option as it engages students with real life current business examples, relevant in today's global workplace. Students are encouraged to work independently and acquire research which they will then analyse and evaluate.

Roles requiring business acumen and analytical skills are invaluable, opening up student choices of pursing University or entry level positions in industry and apprenticeships.

All the skills learnt are transferable to other subjects and provide a foundation for those considering the subject at University. This respected course has led to many students pursuing careers in: Business, Human Resource Management, International Business, Advertising and Marketing and many others.

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BUSINESS

Entry Requirements: English Language, Maths and three other subjects at Grade 4 and above.

Course Breakdown and how the course will be assessed

Examining Board:	Edexcel
Requirements:	• 58% Examination • 42% Coursework
Examination Requirements	• Unit 2 – **Developing a Marketing Campaign.** Controlled Assessment: 3 hours (25%) • Unit 3 – **Personal and Business Finance**. Written exam: 2 hours (33%)
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• Unit 1 - Exploring Business (January Year 12) • Unit 8 - Recruitment and Selection (April Year 13)
Additional Comments:	• The subject content is split into four units of study. • In the specification content, students are encouraged to study examples of real life businesses and to investigate these in the assignments they complete. This will enable them to relate theory with case studies and examples. Case studies are used in the examination units, which requires the students to develop context and in depth of knowledge of both Finance and Marketing. • Text books will be supplied in class. However, a revision guide is available. • Past papers are used extensively for homework activities and revision. • Students are encouraged to keep up to date with current affairs and watch the news regularly or use business apps.
Revision Guide/s:	• Revise BTEC Business Revision Guide ISBN: 978 1 292 230566
Websites:	• https://qualifications.pearson.com/en/qualifications/btec-nationals/business-2016.html#tab-1 • https://www.moneysavingexpert.com/ • https://www.tutor2u.net/business/topics

BISHOP HEBER HIGH SCHOOL

CHEMISTRY

Study Level **Contact Details**
A-level **Head of Chemistry**
Dr S Clark (sclark@bishopheber.cheshire.sch.uk)

Course **A-level Chemistry**

Why study this subject?

- Chemistry is the 'Central Science', it connects all other sciences to each other.
- A-level extends the ideas introduced at GCSE to give a greater insight into how and why compounds are formed, why reactions occur or don't and why we exist.
- It introduces the fundamental ideas of chemistry to enable specialisms in Biochemistry, Physical Chemistry or Inorganic Chemistry at degree level.
- It develops essential skills prized by employers including; problem solving, written and oral communication, monitoring/recording of data, analysis and time management.

Course Outline

Year 12

Physical - Atomic structure, Amount of substance, Bonding, Energetics, Kinetics. Chemical Equilibria, Redox

Inorganic - Periodicity, Group II, Group VII

Organic – Isomerism, Alkanes, Halogenoalkanes, Alkenes, Alcohols, Organic Analysis, IR spectroscopy, Mass spectroscopy

Year 13

Physical – Thermodynamics, Rate Equations, Equilibrium Constants Kc and Kp, Acid and Base Equilibria, Buffers, Electrode Potentials and Electrochemical Cells

Inorganic – Properties of Period 3 elements and oxides, Transition metals, Reactions of Ions in aqueous solutions

Organic – Optical isomerism, Aldehydes and Ketones, Carboxylic acids, Esters, Acyl Chlorides, Aromatic chemistry, Amines, Polymers, Amino acids, Proteins, DNA, Organic synthesis, NMR spectroscopy

Where might it lead?

Chemistry is an excellent basis to study a great many vocational courses at university. Chemistry is a challenging and highly respected subject at Universities and will lead to a huge range of traditional and diverse career opportunities. The skills required to achieve well at A-level are transferable to any profession.

The opportunities are endless and include:
Biomedicine
Chemical Engineering
Cosmetics Research
Dentistry
Environmental Science
Forensic Science
Manufacturing industries
Medicine
Oceanography
Pharmacy
Science and Technology
Scientific Research
Veterinary

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CHEMISTRY

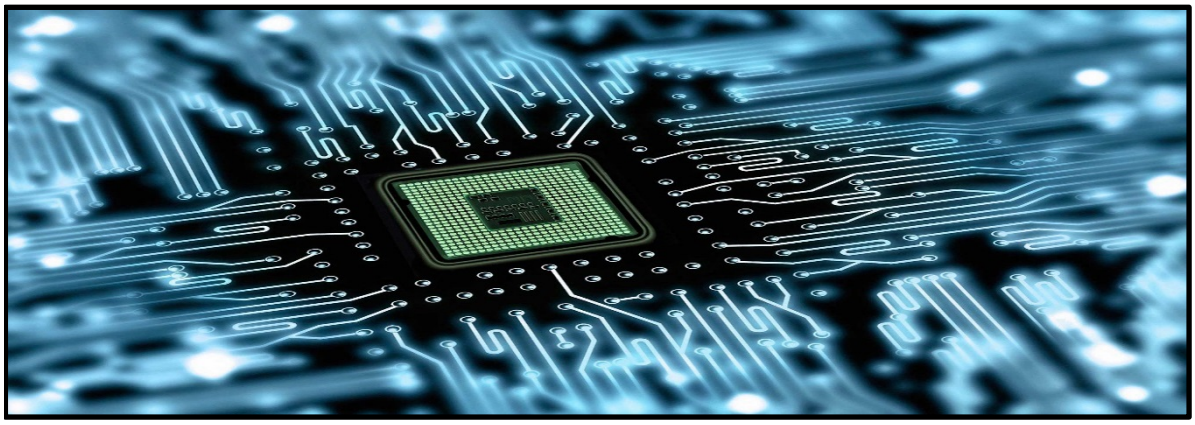
Entry Requirements: Higher Tier Chemistry at Grade 6
Plus English Language, Maths and two other subjects at Grade 4 and above.

Course Breakdown and how the course will be assessed

Examining Board:	AQA
Requirements:	• 100% examinations • 12 required practicals over the 2 years • Practical work assessed in written exams
Examination Requirements:	• **A-level** qualification three x 2 hour papers at the end of Year 13 • **Paper 1** Physical and Inorganic Chemistry, relevant practical skills • **Paper 2** Physical and Organic Chemistry, relevant practical skills • **Paper 3** Any Content, any practical skills, techniques, data analysis, includes multiple choice section.
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• Half termly tests (End of unit tests) • Mocks at the end of Year 12 • Mocks during February of Year 13
Additional Comments:	**Text books** CGP Year 1 & 2 Student books can be purchased from the science department for £20 (£38 Online) **ISBN:9781789080476**
Websites and revision resources	Lunchtime sessions covering Multiple choice questions and practical techniques. Lunchtime and after school revision sessions and drop-in sessions AQA website: http://www2.aqa.org.uk/subjects/science/as-and-a-level/chemistry-7404-7405 http://chemguide.co.uk/ http://www.rsc.org/learn-chemistry/ https://A-levelchemistry.co.uk

BISHOP HEBER HIGH SCHOOL

COMPUTER SCIENCE



Study Level **Contact Details**
A-level **Subject Leader**
Dr D Harris (dharris@bishopheber.cheshire.sch.uk)

Course **A-level Computer Science**

Why study this subject?

The learner will acquire an understanding and ability to apply the fundamental principles and concepts of computer science, including: abstraction, decomposition, logic, algorithms and data representation. Also, the ability to analyse problems in computational terms through practical experience of solving such problems, including writing programs. Computer Science helps learners think creatively, innovatively, analytically, logically and critically.

Course Outline

Computer systems (01) (40%)

- 2 hours and 30 minutes written paper. Contains the majority of the content of the specification and is assessed in a written paper recalling knowledge and understanding.

Algorithms and programming (02) (40%)

- 2 hours and 30 minutes written paper. Relates principally to problem solving skills needed by learners to apply the knowledge and understanding encountered in Component 01.

Programming project (03) (20%)

- Non-exam assessment. A practical portfolio based assessment with a task that is chosen by the teacher or learner and is produced in an appropriate programming language of the learner's or teacher's choice.

Where might it lead?

There is a desperate need for computer scientists in today's economy. Companies are crying out for people who can use computers creatively by developing applications or inventing new ways to use existing hardware.

A Computer Science A-level gives learners the choice of continuing to study at university or apply for an apprenticeship in a technology company.

- **The digital age needs computer scientists**
- **Computer science students have excellent job prospects**
- **Computer scientists are needed in every type of industry**

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COMPUTER SCIENCE

Entry Requirements: English Language, Maths and three other subjects at Grade 4 and above.

Course Breakdown and how the course will be assessed

Examining Board:	OCR
Requirements:	• 80% examined • 20% coursework
Examination Requirements:	**Computer systems component (01)** 1. The characteristics of contemporary processors, input, output and storage devices 2. Software and software development 3. Exchanging data 4. Data types, data structures and algorithms 5. Legal, moral, cultural and ethical issues **Algorithms and programming (02)** 1. Elements of computational thinking 2. Problem solving and programming 3. Algorithms to solve problems and standard algorithms **Programming project component (03)** *The learner will choose a computing problem to work through according to the guidance in the specification.* 1. Analysis of the problem 2. Design of the solution 3. Developing the solution 4. Evaluation
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• Mock exam in February of Year 13
Additional Comments:	Revision guides are available: • OCR AS and A-level Computer Science PM Heathcote and RSU Heathcote ISBN 9781910523056
Websites:	• https://www.codecademy.com/ • Computerphile on youtube.com • http://www.teach-ict.com/

BISHOP HEBER HIGH SCHOOL

DRAMA AND THEATRE STUDIES

Study Level **Contact Details**
A-level **Teacher i/c Drama**
Mrs K Cawley (kcawley@bishopheber.cheshire.sch.uk)

Course **A-level Drama and Theatre Studies**

Why study this subject?

- Develop students' interest and enjoyment in drama and theatre both as participants and as informed members of an audience, fostering an enthusiasm for and critical appreciation of the subject
- Develop understanding and appreciation of the significance of social, cultural and historical influences on the development of drama and theatre
- Experience a range of opportunities to develop a variety of dramatic and theatrical skills, enabling students to grow creatively and imaginatively in both devised and scripted work
- Integrate theory and practice through students' understanding of critical concepts and the use of specialist terminology

Course Outline

This is a linear course with three examined components: Drama and theatre (analysis and theory), Creating original drama (practical/written) and Making theatre (practical).

Drama and Theatre: the students will explore and analyse two texts selected to introduce them to contrasting theatre styles:

***Hedda Gabler* by Henrik Ibsen:** Hedda Gabler is a realist play that explores the role of women in the nineteenth century.

***Metamorphosis* by Steven Berkoff**
Steven Berkoff's adaptation of Kafka's classic fable.

Creating Original Drama: In this component students will create their own piece in the style of a chosen playwright, director or theatre.

Making Theatre: Choose and interpret three extracts from their favourite text(s) for this component and perform their strongest piece to a live audience. The final piece will be formally examined by an AQA examiner. Students may specialise in performing, lighting, sound, set, costume, puppets and/or directing.

Where might it lead?

Students can be sure to gather many invaluable skills, both theatrical and transferable, to expand their horizons. Students learn to collaborate with others, think analytically and evaluate effectively.

Students who wish to pursue a career in any area of theatre or performance can then study further at drama schools or university on a variety of courses such as acting, directing, writing for performance or technical theatre. Students could work in the theatre or performing arts industry, either on stage or in one of the many backstage roles, such as theatre management, marketing, lighting, directing, arts funding, costume and staging. Whichever path a student chooses to follow, an employer or university will recognise the importance of A-level Drama and Theatre Studies because of the transferable skills it offers. Students develop the confidence to speak and present in front of others and work effectively and creatively in team as well as having a broad social, cultural and historical knowledge base.

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DRAMA AND THEATRE STUDIES

Entry Requirements: English Language, Maths and three other subjects at Grade 4 and above.

Course breakdown and how the course will be assessed

Examining Board:	AQA
Requirements:	• 60% Practical: Devised and Scripted • 40% Written exam
Examination Requirements	• **<u>Component 1:</u> Drama and Theatre = 40%** Study for this component is covered practically in class as well as formally in essays. **Section A:** One question (from a choice) on one of the set plays from List A (25 marks) **Section B:** One three-part question on a given extract from one of the set plays from List B (30 marks) **Section C:** One question (from a choice) on the work of theatre makers in a single live theatre production (25 marks) • **<u>Component 2</u>: Devised Drama = 30%** Creating a devised piece of drama from scratch. The piece needs to show the influence and methods of one prescribed practitioner. Students will also keep a working notebook. • **<u>Component 3</u>: Scripted Performance = 30%** Practical exploration of scripted work with notes. Covers three extracts – one of which is performed for external examiner. A reflective report which evaluates their own work.
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• Mock exam in Year 12 and in Year 13 • Component 2: Devised Drama will be performed to a live audience in Summer of Year 12
Additional Comments:	• It is a course which allows students the flexibility to specialise in their chosen area of Theatre Production from acting to set design • Scripts for Drama and Theatre will be need to be purchased by the students. The scripts for Making Theatre will be supplied in class • All students will attend at least two Live theatre trips
Revision Guide/s:	• Impro: Improvisation and the Theatre 1st Edition: Keith Johnson. ISBN: 978-0878301171 • The Empty Space (Penguin Modern Classics) Paperback – 31 Jan 2008. ISBN-13: 978-0141189222 • Artaud's Theatre of Cruelty (Plays and Playwrights) Paperback – 28 Jun 2001. ISBN-13: 978-0413766601
Websites:	• https://kneehigh.co.uk • https://nationaltheatre.co.uk • https://stageagent.com/shows/play/4839/jerusalem/context • www.sparknotes.com/lit/metamorph/summary • <u>https://www.slideshare.net/cathtallks/theatre-of-cruelty</u>

BISHOP HEBER HIGH SCHOOL

ECONOMICS

Study Level **Contact Details**
A-level **Teacher i/c Economics**
Mr G Forster (gforster@bishopheber.cheshire.sch.uk)

Course **A-level Economics**

Why study this subject?

Economics is a study of why and how decisions are made by individuals, firms and Governments. Contemporary topics which affect you now and in the future, such as Brexit, Globalisation and university funding are examined closely.

Economics is all around and possibly without realising it you are already an active part of the global economic system, perhaps asking yourself questions such as 'Do I have pizza at home tonight or do I go out for a burger with my friends?' – considering key concepts such as available resources, opportunity cost and marketing, among others.

What better way to gain a thorough understanding of issues which will directly affect you and your family and perhaps allow you to make better decisions, other than by studying economics?

Studying Economics will help you understand for example the reasons behind Donald Trump's decisions on tariffs, how different countries/industries have benefitted from and been disadvantaged by globalisation, reasons behind where your taxes go, what makes a business successful and of course why you chose that pizza or burger!

Course Outline

Theme 1: Markets, consumers & firms
This unit covers: The economic problem, enterprise, business and the economy, sources and methods of finance, market failure and government intervention, revenue, costs and profits

Theme 2: The wider economic environment
This unit covers: Business growth, marketing and elasticities of demand, business efficiency, the global economy, the economic cycle, introduction to macro-economic policy.

Theme 3: The global economy
This unit includes: Globalisation, business expansion, global marketing, multi-national corporations, global labour markets, inequality

Theme 4: Making markets work
This unit covers: competition & market power, market failure (business & economy) macro-economic policies, financial sector and risk.

Where might it lead?

Students following this and similar qualifications have gone to university and studied courses in Economics, Management, Marketing, PPE, Accounting, Law and many others. Others have gained employment as apprentices/trainees in a wide range of industries.

This course is suitable if;

- You want to study economics or a related subject at university.
- You are unsure which area of study you wish to follow at university or indeed as a career.
- You are unsure whether to pursue higher education or enter the world of work.

Economics is a challenging subject that universities and employers hold in high regard.

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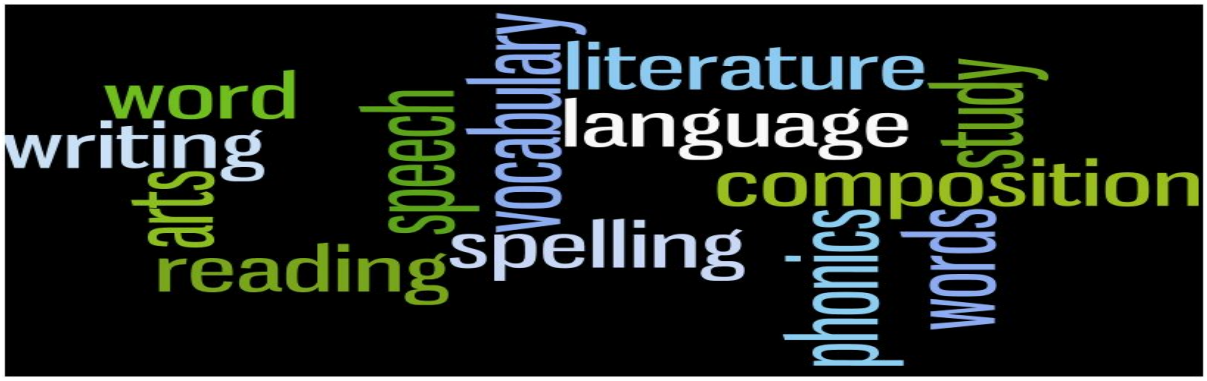
ECONOMICS

Entry Requirements: English Language, Maths and three other subjects at Grade 4 and above.

Course Breakdown and how the course will be assessed

Examining Board:	Edexcel (**Economics B**)
Requirements:	• 100% examination • 3 papers, completed at the end of Year 13
Examination Requirements:	**Paper 1: Markets and how they work** – 35% of final grade Themes 1 & 2 2 hours (100 marks) 3 sections – range of questions based on a series of case study materials **Paper: Competing in the global economy** – 35% of final grade Themes 3 & 4 2 hours (100 marks) 3 sections – range of questions based on a series of case study materials **Paper 3: The economic environment and business** – 30% of final grade All themes, 1,2,3 & 4 are examined Based on a pre-released context document 2 hours (100 marks) 2 sections - range of questions based on a series of case study materials
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• Mock exam(s) in February Year 12, June Year 12 and February Year 13 • You will be assessed on a regular basis, using resources such as past papers and short or extended case studies.
Additional Comments:	You will be introduced to the interrelated nature of economics using economic models, theories and techniques to support analysis of contemporary economic issues, such as environmental concerns, digital technology and globalization, to provide a thorough understanding of economics in today's world. You are encouraged to read a quality newspaper and keep up to date with economic news. You will also learn how to; analyse complex real economic issues that affect everyone, create strategies, monitor and assess the economic and political climate, understand commercial processes and incentives, problem solve, interpret statistics and data, explain your ideas clearly and be ready for any eventuality – all highly desirable and transferable skills in the increasingly competitive jobs marketplace.
Revision guides	Anforme - Edexcel Economics B – Themes 1,2,3 & 4 ISBN's: Theme 1; 978-1-78014-013-1 Theme 2; 978-1-78014-014-8 Theme 3; 978-1-78014-018-6 Theme 4; 978-1-78014-019-3
Websites:	www.tutor2u.net www.economicshelp.co.uk www.qualifications.pearson.com www.telegraph.co.uk

ENGLISH LANGUAGE



Study Level **Contact Details**
A-level **Subject Leader**
Mrs A Leake (aleake@bishopheber.cheshire.sch.uk)

Course **A-level English Language**

Why study this subject?

English Language is an exciting and stimulating course which will transform the way you think about the language around you. You will study texts ranging from children's books to Mills and Boon romances; MI5 job adverts to EastEnders transcripts; and recipes from 16th Century to Donald Trump's tweets. You will understand how and why men and women speak differently; why your parents may not understand why a good thing is 'sick'; and how babies and children learn to speak. You will understand where English came from and where it's going. Be prepared for hard work, but huge rewards – and to realise just how fascinating the English Language is!

Course Outline

In Year 12, students are introduced to key concepts and issues integral to the study of English Language. They will cover Spoken Language, including studying a wide range of transcripts and relevant theorists, and complete essays based on the Concepts and Issues areas of study. Alongside these, they will begin to build up an original writing portfolio and develop the skills needed to effectively analyse their own language. Key contextual information for Language Change Over Time will be covered, and students will have begun building up an understanding of the different genres covered in Language in the 21st Century. By the end of the year, students will have completed the first draft of their investigation.

In Year 13, students will cover Child Language Acquisition, and by January, will have completed their Language Change study and investigation. This then allows time for revision up until the external exams.

Where might it lead?

A-level English Language teaches numerous skills that would be invaluable in a wide number of professions. You will present, research, analyse, evaluate, and be able to form and justify your own opinions on texts and theorists – skills that will also prepare you for further education.

Past students of English Language have gone on to study a wide range of subjects at university including Law, Marketing, Journalism, Linguistics, Creative Writing and History.

Finally, in the words of David Crystal, the foremost expert on English Language:
'English has no independent existence apart from the people who use it. It is not an end in itself: it is a means to an end of understanding who you are and what society is like.'

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ENGLISH LANGUAGE

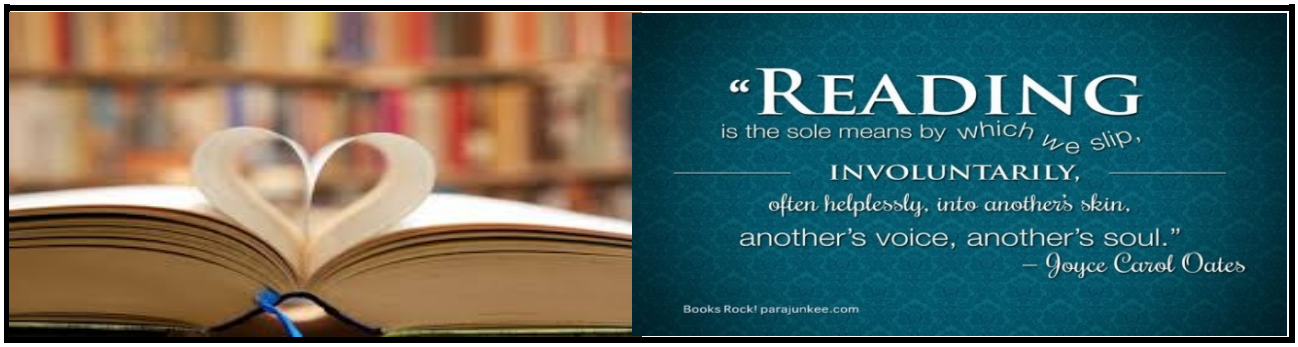
Entry Requirements: English Language, Maths and three subjects at Grade 4 and above.

Course Breakdown and how the course will be assessed

Examining Board:	Eduqas
Requirements:	• 80% Examination • 20% Investigation
Examination Requirements:	**Component 1 (30%)** **Section A – Spoken Language** • Analysis and comparison of two transcripts from the same spoken language genre which could include: radio news, sports commentaries, voiceovers, stand-up comedy routines, TV entertainment shows or similar **Section B – Concepts and Issues** • One essay question to be answered from a choice of three from the following concepts: Child Language Acquisition; Standard and Non-Standard; Language and Situation; and Language and Power **Component 2 (30%)** **Section A – Language Change Over Time** • Four short questions focusing on spelling, grammatical, punctuation and word class features of an Early Modern English text • Essay focusing on how three texts from the same genre, dated from 16th Century to present day, show how the English language has changed **Section B – English in the 21st Century** • Analysis of a set of data from a particular genre eg. Facebook, Twitter, text messages, emails etc. **Component 3 (20%) Creative and Critical Use of Language** • Create two original pieces of writing inspired by a stimulus piece and analyse language choices in one of them **Component 4 (20%) Language Investigation** • Independent investigation (2500-3500 words) into a subject of your choice from the following areas: Language and Identity; Language and Culture; Language and Gender; and Language and Self-Representation
Intermediate Dates:	• Full Mock – February Year 13
Additional Comments:	• Students should be aware of the importance of organisation and be prepared to maintain folders for each component • Students should complete their own wider reading and research in addition to texts covered in lessons
Websites:	Eduqas specification and resources: http://www.eduqas.co.uk/qualifications/english-language/as-a-level/ David Crystal website: www.davidcrystal.com English Language in the news: https://www.theguardian.com/media/mind-your-language

BISHOP HEBER HIGH SCHOOL

ENGLISH LITERATURE



Study Level **Contact Details**
A-level **Subject Leader**
Mrs A Leake (aleake@bishopheber.cheshire.sch.uk)

Course **A-level English Literature**

Why study this subject?

If you love watching characters and conflicts come to life in a powerful play, seeing the world afresh through the striking imagery of a poem, and think of reading as "chocolate for the brain" then English Literature is the A-level for you. English Literature is an imaginative and creative subject, allowing you to take on new persepctives, travel back in time and to explore and challenge ideas and values. It is also an analytical academic subject much valued by universities. By exploring the craft behind a text, you will sharpen your skills in close analysis and gain a greater appreciation of the power of language. By connecting that text to other texts, contextual influences and critical opinions, you will also develop key skills in independent research, cross referencing and interpretation, showing that you can engage with and respond to complex ideas.

Course Outline

In Year 12, students will look in detail at the Shakespeare play for component 2 and cover both the work of the pre-1900 poet and the two post-1900 poets for component 1 poetry. Students begin coursework preparation in lessons, although they should start their independent preparation for this from September, beginning by reading the chosen prose texts.

As students move into Year 13, they will cover the two drama texts for component 2 section B and approach component 3, unseen poetry and prose.

As well as developing their understanding of and engagement with the content of the different texts and genres studied, throughout the course students will build up their essay writing skills, beginning by writing focused pieces on key poems or extracts and gradually broadening and deepening their analysis by considering the impact of wider literary and social contexts, engaging with critical opinions and, where relevant, looking at comparisons between writers and texts.

Where might it lead?

With its focus on analysis, interpretation and discussion, as well as its scope for research and independent thinking, English Literature is both a well-regarded academic subject on its own or as a gateway to a wide range of other university subjects.

Beyond university, an A-level in English Literature is also a strong foundation for any job which involves communication, writing or literary knowledge, such as advertising, marketing, journalism, the law, teaching, performing arts, media, linguistics or business.

You might also be surprised by the relevance of English Literature to careers in science, technology or maths, where communicating with others and writing proposals or academic papers are essential to developing projects or securing funding.

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ENGLISH LITERATURE

Entry Requirements: English Literature at Grade 4
Plus English Language, Maths and three other subjects at Grade 4 and above.

Course Breakdown and how the course will be assessed

Examining Board:	Eduqas
Requirements:	• 80% examination • 20% coursework
Examination Requirements:	**Component 1: Poetry (30%)** **Section A: Poetry pre-1900** • One two-part question based on the reading of one pre-1900 poetry text from a prescribed list **Section B: Poetry post-1900** • One question from a choice of two based on the reading of two post-1900 poetry texts from a prescribed list *Both sections: Open book, clean copy* **Component 2: Drama** **Section A: Shakespeare** • One two-part question based on the reading of one Shakespeare play from a prescribed list **Section B: Drama** • One question from a choice of two based on the reading of a pair of plays: one pre-1900 and one post-1900, from a prescribed list *Both sections: Closed book* **Component 3: Unseen Texts** **Section A: Unseen Prose** • One question from a choice of two, analysing an unseen passage of prose, taken from two prescribed periods for study **Section B: Unseen Poetry** • One question from a choice of two, analysing an unseen poem or poetry extract **Component 4: Prose Study** One 2500-3500 word assignment based on the reading of two prose texts from different periods, one pre-2000 and one post-2000
Intermediate Dates:	• Mock Exams: Spring Term of Year 12; Summer Term of Year 12 and; Spring Term of Year 13
Additional Comments:	• As English Literature is a subject assessed through academic essay writing, expect regular essay assignments! • Students will need to keep their work organised, using separate folders for each section of each component. • For all elements of the course, and most especially the coursework unit, students must complete their own independent wider reading, such as researching critical opinions or contextual information about texts studied. • Students will need to purchase their own copies of the texts studied, including a second set of "clean copies" for the component 1 poetry unit. A list of texts will be provided at the beginning of the course.
Websites:	EDUQAS Specification: www.eduqas.co.uk

BISHOP HEBER HIGH SCHOOL

FOOD SCIENCE AND NUTRITION

Study Level **Contact Details**
A-level **Subject Leader**
Miss J Stockley (JStockley@bishopheber.cheshire.sch.uk)

Course: **Food Science and Nutrition (BTEC) (equivalent to one A-level)**

Why study this subject?

We are living through times of great change, yet with this change comes great opportunities in the Food Industry. The Food Science & Nutrition qualification allows students to gain a wealth of knowledge about the food and nutrition industry. Students will have the opportunity to learn about the relationship between the human body and food as well as practical skills for cooking and preparing food.

Course Outline

Unit 1a: Written Exam Paper 1-½ hours (25%)
Meeting nutritional needs of specific groups

Unit 1b: Coursework internally assessed (25%)
Meeting nutritional needs of specific group

Unit 2: 8 hour External assessed task (25%)
Ensuring Food safety

Unit3/Unit 4: Internally assessed coursework (25%)
Experimenting to solve food production problems / Current issues in Food Science and Nutrition

Where might it lead?

A career in the food industry will put you in the middle of the largest and most important economic activity in the world. The global food industry is growing at around 5% a year. The food & drink industry is the biggest manufacturing sector in this country and needs new recruits to meet the growing population and market demands, therefore career prospects are excellent.

Students will be able to consider employment in a range of industries; food technology, food marketing, food product development, nutrition, dietetics, catering, journalism, environmental health, teaching, hotel management, laboratory work, food retailing, nursing, social health and sports science.

What are the benefits of this type of qualification?

- Develop both practical and academic skills
- Applied learning developing transferable skills, problem solving, project based research, development and presentation skills
- Vocational context relevant to the food production industry
- Flexible choices so students can specialise in areas that interest them
- Strong emphasis on practical work, so ideal for students who prefer to learn by doing

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FOOD SCIENCE AND NUTRITION

Entry Requirements: English Language, Maths and three other subjects at Grade 4 and above.

Course breakdown and how the course will be assessed

Examining Board:	AQA
Requirements:	• 50% Examination • 50% Non-Examined Assessment (coursework)
Examination Requirements:	Unit 1: Enables learners to demonstrate an understanding of the science of food safety, nutrition and nutritional needs in a wide range of contexts, and through practical sessions gain practical skills to produce quality food items to meet the needs of individuals. Unit 2: Allows learners to develop their understanding of the science of food safety and hygiene, essential to anyone involved in food production Unit 3 or 4: Studying one of two optional units the second year allows learners to study subjects of particular interest or relevance to them, building on previous learning and experiences
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• Unit 1 examined and entered in the summer of Year 12
Additional Comments:	Unit achievement is based on a learner's ability to meet the assessment criteria. Units can be awarded a summative grade of Level 3 Pass, Level 3 Merit or Level 3 Distinction.
Websites:	• www.Foodafactoflife.org.uk • www.bbcgoodfood.co.uk • www.hse.gov.uk

BISHOP HEBER HIGH SCHOOL

FRENCH

Study Level **Contact Details**
A-level **Subject Leader**
Mr. D. Blanchard (dblanchard@bishopheber.cheshire.sch.uk)

Course: **A-level French.**

Why study this subject?

Students studying an A-level Languages course can expect to explore the language, culture and society of the country or countries where the language is spoken. In turn students can expect to:

- enhance their linguistic skills and promote and develop their capacity for critical thinking.
- develop control of the language system to convey meaning for both practical and intellectual purposes.
- develop their ability to interact effectively with users of the language, including through online media.
- develop language learning skills and strategies to build fluency and confidence.
- engage critically with intellectually stimulating texts and films in the original language.
- develop their capacity for critical and analytical thinking through the language of study.
- develop as independent researchers through the language of study.

Course Outline

The A-level course is a two year course that is taught alongside a comprehensive grammar programme. Topics include social issues and trends, political and artistic culture and literary texts and films. Three papers assess all four key skills; listening, speaking reading and writing at the end of the two year course. Students also carry out an assessed individual research project on an area of study related to the target language country.

Where might it lead?

Modern languages are a highly respected and valued academic qualification by employers. Post A-level the ability to combine a foreign language with any other subject at University is a very popular pathway. From single honours degrees, to joint language degrees or combining business and management with a foreign language, there is always a higher level course that allows flexibility to continue studying a language. Employers regard language skills as a desirable quality and students studying a foreign language have gone on to careers in translating, travel, tourism, management, teaching, recruitment, IT, border control, security services, policing and many more.

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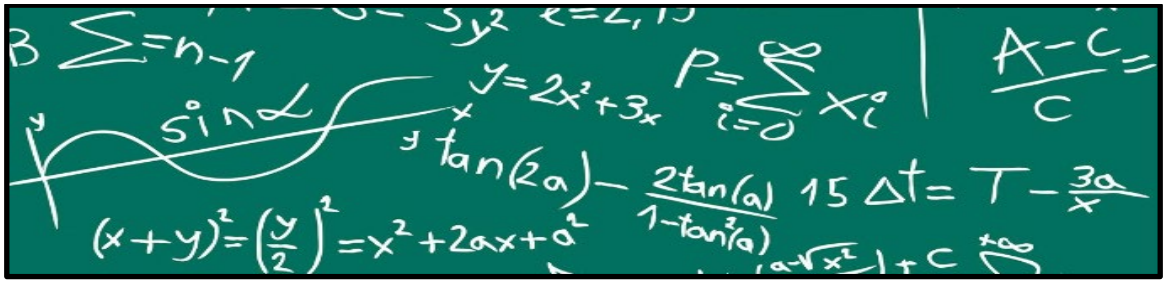
FRENCH

Entry Requirements: Grade 4 or above in the chosen language
Plus English Language, Maths and three other subjects at Grade 4 and above.

Course Breakdown and how the course will be assessed

Examining Board:	AQA
Requirements:	• Paper 1 - (50%) • Paper 2 - (20%) • Paper 3 – (30%)
Examination Requirements:	Paper 1: Listening, reading and writing • Aspects of target language society: current trends • Aspects of target language society: current issues • Artistic culture in the target language world • Aspects of political life in the target language world • Grammar Paper 2: Writing • One text and one film or two texts from the list set in the specification • Grammar Paper 3: Speaking • Individual research project • One of four themes from Paper 1.
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• Mock examinations end of Year 12 • Mock examinations February Year 13
Additional Comments:	In addition, students following this specification will: • Develop research skills, demonstrating the ability to initiate and conduct individual research on a subject of personal interest, relating to the country or countries where the target language is spoken. • Identify a key question or subject of interest and select relevant information in the target language from a range of authentic sources, including the internet. • Use information to illustrate knowledge and understanding of the research subject. • Analyse and summarise research findings, elaborating on key points of interest, as appropriate, through oral presentation and discussion.
Websites:	• www.aqa.org.uk • www.kerboodle.com • www.teachitlanguages.co.uk • www.linguascope.com

FURTHER MATHEMATICS



Study Level **A-level**

Contact Details

Subject Leader

Mrs C Hamer (chamer@bishopheber.cheshire.sch.uk)

Course **A-level Further Mathematics**

Why study this subject?

Mathematics is a vast subject, with many different branches to explore. Further Mathematics allows students to widen their field of understanding and will provide them with an enriched set of skills to take onto their chosen career path.

The course is a great challenge for the most able mathematicians. For most science, technology, engineering and mathematics (STEM) degree courses A-level Mathematics is a requirement and AS or A level Further Mathematics is often a preferred subject. Anyone applying to study a degree in a STEM subject should consider taking Further Mathematics to at least AS level as the additional content helps ensure a successful progression to university.

"Those students who had studied further mathematics to A- or AS-level standard reported coping better with the mathematical content of the degree, and as such perceived that they required less additional support throughout their studies." Institute of Physics 'Mind the Gap' report 2010.

Course Outline

During Year 12 and Year 13 you will study additional pure mathematics alongside decision mathematics.

New concepts studied in pure maths include matrices, complex numbers, hyperbolic functions, differential equations, and more advanced calculus.

Concepts studied in decision mathematics include linear programming, critical path analysis, algorithms and graphs, and game theory.

Where might it lead?

Further Mathematics can make you stand out from the crowd, opening up doors to both the most prestigious university courses and employment opportunities. Careers for men and women with good mathematics skills and qualifications are not only well paid, but they are also often interesting and rewarding.

Careers in physics, engineering, market research, accountancy, logistics, games design, computer programming, encryption and security are just some, which rely heavily on mathematical skills.

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FURTHER MATHEMATICS

Entry Requirements: Grade 8 in Maths
Plus: English Language and three other subjects at Grade 4 and above.

Course Breakdown and how the course will be assessed

Examining Board:	Edexcel
Requirements:	• The course is accessible to anyone with a least a grade 8 maths in the new 1-9 GCSE, and can be taken as an additional fourth A Level, alongside maths and 2 other subjects.
Examination Requirements:	• **Paper 1**: a 1½ -hour exam covering any of the **Pure Mathematics** learnt over the two years. (25%) • **Paper 2**: a second 1½ -hour exam covering any of the **Pure Mathematics** learnt over the two years. (25%) • **Paper 3**: a 1½ -hour exam covering **Decision Mathematics 1** (25%) • **Paper 4**: a 1½ -hour exam covering **Decision Mathematics 2** (25%)
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• Regular ongoing assessment • End of Year 12 exams • Mock exam in Spring Year 13
Additional Comments:	• The use of a scientific calculator with an ability to perform calculations with matrices up to at least order 3x3 is mandatory. For this purpose students require the **Casio Classwiz fx-991EX** • Students will be provided with resources, covering all aspects of the two-year course. However, students may find it beneficial to purchase these additional textbooks: • Edexcel AS and A-level Further Mathematics **Core Pure Mathematics Book 1** (ISBN: 9781292183336) • Edexcel A level Further Mathematics **Core Pure Mathematics Book 2** (ISBN: 9781292183343) • Edexcel AS and A level Further Mathematics **Decision Mathematics 1** (ISBN: 9781292183299) • Edexcel AS and A level Further Mathematics **Decision Mathematics 2** (ISBN: 9781292183305)
Websites:	• https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/mathematics-2017.html • http://furthermaths.org.uk/ • www.mathscareers.org.uk • www.futuremorph.org • www.plus.maths.org

BISHOP HEBER HIGH SCHOOL

GERMAN

Study Level **Contact Details**
A-level **Subject Leader**
Mr. D. Blanchard (dblanchard@bishopheber.cheshire.sch.uk)

Course: **A-level French, Spanish or German.**

Why study this subject?

Students studying an A-level Languages course can expect to explore the language, culture and society of the country or countries where the language is spoken. In turn students can expect to:

- enhance their linguistic skills and promote and develop their capacity for critical thinking.
- develop control of the language system to convey meaning for both practical and intellectual purposes.
- develop their ability to interact effectively with users of the language, including through online media.
- develop language learning skills and strategies to build fluency and confidence.
- engage critically with intellectually stimulating texts and films in the original language.
- develop their capacity for critical and analytical thinking through the language of study.
- develop as independent researchers through the language of study.

Course Outline

The A-level course is a two year course that is taught alongside a comprehensive grammar programme. Topics include social issues and trends, political and artistic culture and literary texts and films. Three papers assess all four key skills; listening, speaking reading and writing at the end of the two year course. Students also carry out an assessed individual research project on an area of study related to the target language country.

Where might it lead?

Modern languages are a highly respected and valued academic qualification by employers. Post A-level the ability to combine a foreign language with any other subject at University is a very popular pathway. From single honours degrees, to joint language degrees or combining business and management with a foreign language, there is always a higher level course that allows flexibility to continue studying a language. Employers regard language skills as a desirable quality and students studying a foreign language have gone on to careers in translating, travel, tourism, management, teaching, recruitment, IT, border control, security services, policing and many more.

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GERMAN

Entry Requirements: Grade 4 or above in the chosen language
Plus English Language, Maths and three other subjects at Grade 4 and above.

Course Breakdown and how the course will be assessed

Examining Board:	AQA
Requirements:	• Paper 1 - (50%) • Paper 2 - (20%) • Paper 3 – (30%)
Examination Requirements:	Paper 1: Listening, reading and writing • Aspects of target language society: current trends • Aspects of target language society: current issues • Artistic culture in the target language world • Aspects of political life in the target language world • Grammar Paper 2: Writing • One text and one film or two texts from the list set in the specification • Grammar Paper 3: Speaking • Individual research project • One of four themes from Paper 1.
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• Mock examinations end of Year 12 • Mock examinations February Year 13
Additional Comments:	In addition, students following this specification will: • Develop research skills, demonstrating the ability to initiate and conduct individual research on a subject of personal interest, relating to the country or countries where the target language is spoken. • Identify a key question or subject of interest and select relevant information in the target language from a range of authentic sources, including the internet. • Use information to illustrate knowledge and understanding of the research subject. • Analyse and summarise research findings, elaborating on key points of interest, as appropriate, through oral presentation and discussion.
Websites:	• www.aqa.org.uk • www.kerboodle.com • www.teachitlanguages.co.uk • www.linguascope.com

GEOGRAPHY

Study Level **Contact Details**
A-level **Subject Leader**
Mr A Cummings (acummings@bishopheber.cheshire.sch.uk)

Course **A-level Geography**

Why study this subject?

Geography matters. That's why our course cover a wide range of contemporary themes and issues, so you can understand the world around us and what could impact its future.
The world needs geographers. It's well known that studying geography leads to a wealth of further study and career opportunities. You will be equipped with the knowledge and skills to succeed in your next step.
"Geography is a subject which holds the key to our future." Michael Palin

Course Outline

1.Dynamic Landscapes
- Tectonic Processes & Hazards
- Coastal Landscapes and Change

2. Dynamic Places
- Diverse Places
- Globalisation

3. Physical Systems and Sustainability
- The Water Cycle and Water Insecurity
- The Carbon Cycle and Energy Security

4. Human Systems and Geopolitics.
- Superpowers
- Health, Human Rights and Intervention

There are four compulsory fieldwork days over the two years (two of which are residential).

Where might it lead?

Geography is a highly respected and valued academic qualification by employers.
Jobs related to geography:
- Cartographer
- Commercial/residential surveyor
- Environmental consultant
- Geographical information systems officer
- Town planner
- International aid/development worker
- Landscape architect
- Nature conservation officer
- Sustainability consultant
- Tourism officer

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GEOGRAPHY

Entry Requirements: Maths, English Language and three other subjects at Grade 4 and above.

Course breakdown and how the course will be assessed

Examining Board:	Edexcel
Requirements:	• 80% - Three Examinations • 20% - Individual Investigation
Examination Requirements:	• PAPER 1: - 2 hr 15 min exam to test understanding and application of physical geography. The paper is 30% of the overall A-level. • PAPER 2: - 2 hr 15 min exam to test understanding and application of Human geography. The paper is 30% of the overall A Level. • PAPER 3: – 2 hr 15 min exam. A synoptic assessment of geographical skills, knowledge and understanding (within a place-based context), will make up 20% of the A level qualification. • INDIVIDUAL INVESTIGATION – An individual fieldwork based enquiry completed in a topic area of your choice worth 20% of the qualification.
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• Mock exams throughout the two-year course.
Additional Comments:	As well as gaining knowledge and understanding you will develop the following skills: • skills in research and data collection, analysis and evaluation; • mathematical and statistical analysis skills; • IT skills, for example computer cartography and the use of databases and spreadsheets; • written and oral communications skills, including report writing and data presentation; • the ability to understand abstract concepts and articulate these to a range of audiences; planning and problem-solving skills; • creative thinking and the ability to recognise the moral and ethical issues involved in debates.
Websites:	Visit the following website for more details on the content: https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/geography-2016.html

HEALTH AND SOCIAL CARE

Study Level **Contact Details**
DIPLOMA **Teacher i/c Health and Social Care**
Mrs H Williams (hwilliams@bishopheber.cheshire.sch.uk),

Course: **BTEC National Level 3 Extended Certificate (equivalent to one A-level)**

Why study this subject?

An interesting and varied course providing an introduction to the Health and Social Care sector. Students will gain skills and knowledge ranging from Communication, Childcare, Human Body Systems and Sociology as well as developing practical, interpersonal and thinking skills. Learning methods include independently researched projects, talks from visiting speakers and work experience. It is equivalent in size to one A Level leading to employment and/ or higher education in the health care sector.

Course Outline

Covers 4 units:

- Human Lifespan Development
- Working in Health and Social Care
- Meeting Individual Care and Support Needs
- Sociological Perspectives

Where might it lead?

Further Studies:

• BSc (Hons) in Nursing
• BA (Hons) in Primary Education
• BSc (Hons) in Social Work
• Foundation Degree in Sports Studies and Development.

Future careers
Medical Practitioner
Care worker / home carer
Ambulance staff
Nursing assistant

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HEALTH AND SOCIAL CARE

Entry Requirements: English Language, Maths and three other subjects at Grade 4 and above.

Course breakdown and how the course will be assessed

Examining Board:	Pearson
Requirements:	• 58% Examination – 2 papers • 42% Coursework
Examination Requirements:	• **Units 1 and 2 are assessed externally (by exam or set task) 58%** Unit 1 – 1.5 hour paper, 80 marks Unit 2 – 1.5 hour paper, 90 marks The assessment availability is twice a year • **Units 3 and 4 are assessed internally 42%** Internally Students can be assessed in the following ways: 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 work - based values and practices.) • **Units are assessed using a grading scale of Distinction** (D), Merit (M), Pass (P), Near Pass (N) and Unclassified (U)
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• Mock exams in June of Year 12 • Mock exams in February of Year 13 • You will be assessed every half term
Additional Comments:	
Websites:	• https://qualifications.pearson.com/en/qualifications/btec-nationals/health-and-social-care-2016.html

HISTORY

Study Level **Contact Details**
A-level **Subject Leader**
Mr J Penlington (jpenlington@bishopheber.cheshire.sch.uk)

Course **A-level History**

Why study this subject?

It is interesting and relevant to the world you live in.

Challenging academic qualification that is highly valued by Universities and employers.
Interesting and varied topics studied over the two years give time to fully understand the course content.

You develop the skills needed to research and present key arguments, develop an understanding of different interpretations, analysing and evaluating evidence and reach and form substantial judgements and conclusions.

Course Outline

Unit 1 – Tsarist and Communist Russia, 1855-1964

- A breadth study of Russian history, from the last Tsars, through the Russian Revolution to the Communist era of Lenin, Stalin and Khrushchev.

Unit 2 – The Making of Modern Britain, 1951-2007

- A depth study of modern British history, covering political, social and economic developments.

Unit 3 – Non-Examination Assessment: The causes of the American Civil War

- Coursework of c. 4,500 words analysing the causes of the American Civil War.

Where might it lead?

History is a highly respected and valued academic qualification by employers. The subject is very popular as we cover interesting topics that are engaging and cover significant moments in British and world history. The course demands dedication, reading and research skills; explanation and analytical skills; the ability to understand different interpretations of events; using and evaluating evidence and forming detailed arguments and conclusions. The skills learnt are transferable to other written and analytical subjects and are an excellent basis for University education. The academic rigour and development of these skills makes it such a well-respected qualification and it has led many former students onto varied careers such as journalism, law, archaeology, politics, teaching, museum curator, conservation and the civil service.

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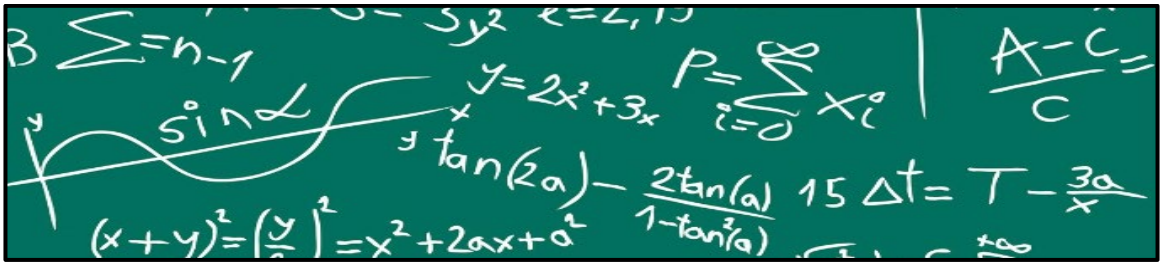
HISTORY

Entry Requirements: English Language, Maths and three other subjects at Grade 4 and above.

Course breakdown and how the course will be assessed

Examining Board:	AQA
Requirements:	• Paper 1 - Britain 40% • Paper 2 - Russia 40% • Coursework - 20%
Examination Requirements:	• Paper 1: (2 Hours 30 mins) Tsarist and Communist Russia Exam: One source based question and two essay questions from a choice of three • Paper 2: (2 Hours 30 mins) The Making of Modern Britain Exam: One source based question and two essay questions from a choice of three • NEA – Coursework of c.3,000 – 3,500 words
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• Mock exams end of Year 12 • Mock exams February of Year 13
Additional Comments:	Textbooks • https://www.amazon.co.uk/Oxford-AQA-History-Level-Communist/dp/0198354673/ref=pd_lpo_sbs_14_img_0?_encoding=UTF8&psc=1&refRID=2SW9NRW4RHJJ203YX07D • https://www.amazon.co.uk/Access-History-Britain-1951-2007-Second/dp/1471839095/ref=sr_1_fkmr2_1?s=books&ie=UTF8&qid=1529060433&sr=1-1-fkmr2&keywords=the+making+of+modern+britain+1951-2007+textbook Revision guides • https://www.amazon.co.uk/Revision-Notes-level-Communist-1855-1964/dp/1471876160/ref=pd_lpo_sbs_14_img_2?_encoding=UTF8&psc=1&refRID=5V0YNVH9HWQAZWX6TH4A • https://www.amazon.co.uk/My-Revision-Notes-level-1951-2007/dp/1471876284/ref=sr_1_1?s=books&ie=UTF8&qid=1529060305&sr=1-1&keywords=the+making+of+modern+britain+1951-2007
Websites:	• http://www.aqa.org.uk/subjects/history/as-and-a-level/history-7041-7042 • https://www.teachithistory.co.uk/ • http://www.bbc.co.uk/history/british/modern/

MATHEMATICS



Study Level **Contact Details**
A-level **Subject Leader**
Mrs C Hamer (chamer@bishopheber.cheshire.sch.uk)

Course **A-level Mathematics**

Why study this subject?

It would be difficult today (perhaps impossible) to live a normal life without making use of Mathematics of some kind. Mathematics is fundamental to all scientific and technological work, from experiments that rely on mathematical models, to developing the computers on which they run. The skills you learn in A-level Mathematics are of great benefit to other subjects, and for progression to many courses at university it is important to have strong mathematics skills. For most science, technology, engineering and mathematics (STEM) degree courses A -evel Mathematics is a requirement. Employers highly value mathematics qualifications as students become better at thinking logically and analytically, and are able to formulate reasoned arguments. Importantly, you will have excellent numeracy skills and the ability to process and interpret data. It is also a most satisfying, challenging, and rewarding subject to study in its own right.

Course Outline

During Year 12 you will develop your existing skills in pure mathematics, learning new concepts such as calculus, exponentials and logarithms. You will also apply your skills to the study of mechanics, learning about forces, Newton's Laws, moments, and kinematics.
During Year 13 you will further advance your pure maths skills by learning about topics such as parametric equations, partial fractions and numerical methods such as Newton-Raphson. You will also study statistics, developing your understanding of probability, statistical sampling, statistical distributions and hypothesis testing.

Where might it lead?

Mathematics is a versatile qualification, well respected by employers, and a "facilitating" subject for entry to higher education. Careers for men and women with good mathematics skills and qualifications are not only well paid, but they are also often interesting and rewarding.
Careers in physics, engineering, market research, accountancy, logistics, games design, computer programming, encryption and security are just some, which rely heavily on mathematical skills.

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MATHEMATICS

Entry Requirements: Grade 6 in Maths
Plus: English Language and three other subjects at Grade 4 and above.

Course Breakdown and how the course will be assessed

Examining Board:	Edexcel
Requirements:	• Three Exams (100%)
Examination Requirements:	• **Paper 1**: a 2-hour exam covering any of the **Pure Mathematics** learnt over the two years. (33⅓ %) • **Paper 2**: a second 2-hour exam covering any of the **Pure Mathematics** learnt over the two years. (33⅓ %) • **Paper 3**: a 2-hour exam in two sections. Section A: **Statistics** Section B: **Mechanics**. (33⅓ %)
Final Completion Date:	• Summer Year 13
Intermediate Dates:	• Early hurdle Test in Autumn Year 12 • Regular ongoing assessment • End of Year 12 exams • Mock exam in Spring Year 13
Additional Comments:	• The use of a scientific calculator with an ability to compute summary statistics and access probabilities from standard statistical distributions is mandatory. For this purpose students will require the **Casio Classwiz fx-991EX** • A textbook will be provided to each student, covering all aspects of the two-year course. However, students may find it beneficial to purchase these additional textbooks: • Edexcel AS and A level Mathematics **Pure Mathematics Year 1/AS** (ISBN: 9781292183398) • Edexcel A level Mathematics **Pure Mathematics Year 2** (ISBN: 9781292183404) • Edexcel AS and A level Mathematics **Statistics & Mechanics Year 1/AS** (ISBN: 9781292232539) • Edexcel A level Mathematics **Statistics & Mechanics Year 2** (ISBN: 978144694407)
Websites:	• https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/mathematics-2017.html • http://furthermaths.org.uk/ • www.mathscareers.org.uk • www.futuremorph.org • www.plus.maths.org

MEDIA STUDIES

Study Level **Contact Details**
A-level **Teacher i/c Media Studies**
Mr M Parsons (mparsons@bishopheber.cheshire.sch.uk)

Course **A-level Media**

Why study this subject?

Studying Media Studies A-level enables students to further their understanding of products, technologies and industries that they are most likely already familiar with. The A-level is incredibly broad covering a total of nine different media forms such as Advertising, Film, News and Video Games. Each form of media is studied through a specific set of concepts and with set products that students will be required to write about in their exam. Over the two year course students will be assessed in different ways such as extended writing and production skills. The production depends on the brief that is set by the exam board and students can be asked to produce any of the following: Music Video, Magazine, Television or Radio with the final production being worth 30% of the A-level.

Course Outline

In Year 12, the course of study will begin with an introduction to the subject for all students followed by a practical task where they will have to demonstrate their knowledge.

The Autumn and Spring terms will consist mainly of studying exam topics, covering forms of media such as Film, Advertising, Music Video, Magazine, Radio and Video Games. Each of the different topics will have set media products that students will have to analyse in detail. The Summer term of Year 12 will see the students responding to the production brief sent by the exam board, this will be their opportunity to produce their own media.

A wide variety of theory and academic perspectives are required to be understood and applied to all of the topics studied in Year 13. Exam preparation will continue with a focus on TV and print and online news. Students will sit two exam papers at the end of the course.

Where might it lead?

There are a number of pathways that an A-level in Media Studies can offer students. Beyond Sixth Form, students can seek out apprenticeships in the creative industries or even employment within the sector.

"Industries including advertising and marketing, arts and film, TV and radio, and museums and galleries are all part of this thriving economic sector, which is now worth almost £92bn". (Department for Digital, Culture, Media & Sport, November, 2017)

Another popular choice for students is to go to university to specialise in one particular area of media such as TV production, journalism or web design. The A-level offers students the chance to study across all forms of media but there may also be a particular area they gain a specialist interest in which could be furthered and developed at university.

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MEDIA STUDIES

Entry Requirements: English Language, Maths and three other subjects at Grade 4 or above.

Course breakdown and how the course will be assessed

Examining Board:	OCR
Requirements:	• 70% Examination • 30% Coursework
Examination Requirements:	**Component 1 (35%)** **Section A** • (In-depth study) • Newspapers • Online **Section B** • Magazines • Advertising • Music Video **Component 2 (35%)** **Section A** • Film • Radio • Video Games **Section B** **(In-depth study)** • TV Drama **Component 3 (30%)** **Making Media** • Non-Examined Assessment
Intermediate Dates:	• Full Mock – February of Year 13
Additional Comments:	• Students will be required to write extended pieces of writing in their exam and to be able to analyse media products independently. • Students are not required to have any of their own media production equipment for this course. • Equipment is available through the department and can be loaned out to students during any production.
Websites:	OCR Specification and Resources: http://www.ocr.org.uk/qualifications/as-a-level-gce/as-a-level-gce-media-studies-h009-h409-from-2017/

MUSIC

Study Level **Contact Details**
A-level **Subject Leader Director of Performing Arts**
Mr S Ferrelly (sferrelly@bishopheber.cheshire.sch.uk)
Course **A-Level Music**

Why study this subject?

Do you play an instrument or sing to a high standard?
Does the prospect of performing music excite you?
Do you enjoy creating your own songs or instrumental tracks?
Are you intrigued by the recording process and interested in making high quality recordings?
Are you open to a wide range of musical styles and traditions?
Do you want to learn more about musical analysis and how composers construct pieces?
If the answer to these questions is yes, studying Music at Advanced Level could be for you.

Course Outline

Performing (30%): Students have to perform (either solo and/or ensemble) on an instrument or voice. The final recorded performance must be a minimum of eight minutes and be at ABRSM (or equivalent) Grade VI-VIII standard.

Composing (30%): Students must compose two pieces, one free composition in response to the free choice brief and one in response to a brief assessing technique. The two pieces must have a combined duration of at least six minutes. High quality recordings will be made of all performing and composing components and musical scores created for the compositions.

Appraising (40%): The content of musical elements, musical contexts and musical language is taught through the context of six Areas of Study, containing a total of 13 Set Works including The Beatles 'Revolver', the soundtrack to 'Batman Returns' and Stravinsky's 'Rite of Spring'. This component is assessed through a two-hour written examination.

Where might it lead?

The study of Music as a formal discipline provides students with a wealth of experiences and skills that cannot be achieved at such a level elsewhere. These include:

- The rigour and discipline involved in serious practice towards a performance develops independence, attention to detail and pride in work.
- The act of composing develops skills of creativity, problem solving and working to deadlines.
- Musical analysis of the set works develops skills of high level thinking, analytical skills, extended and persuasive writing.

Studying music at a serious level is greatly valued by universities and employers, as successful music students tend to be highly motivated, creative and well balanced individuals who possess high levels of critical thinking.

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MUSIC

Entry Requirements: Grade 4 in GCSE Music or Grade 5 in ABRSM
Plus: English Language, Maths and two other subjects at Grade 4 and above.

Course Breakdown and how the course will be assessed

Examining Board:	• Edexcel
Requirements:	• 60% Non-examined Assessment • 40% Written Examination
Examination Requirements:	• **Performing:** A public performance, performed as a recital. The performance can be playing or singing solo, in an ensemble, improvising, or realising music using music technology. The total performance time eight minutes. • **Composing:** Total of two compositions, one to a brief set by Pearson and one either free composition. This composition must be at least four minutes in duration. One composition must be from a list of briefs assessing compositional technique, (20 marks). This composition must be at least one minute in duration, unless the brief specifies a longer minimum duration. Total time across both submissions must be a minimum of six minutes. • **Appraising:** One written paper of 2 hours, with a total of 100 marks. One audio CD with the extracts to accompany questions on the paper will be provided per student. This paper comprises two sections: A (Set works and dictation) and B (Extended response/essays).
Final Completion Date:	• Performances recorded after 1st March of Year 13. • Composition work submitted by 15th May of Year 13. • Written examination in June of Year 13.
Intermediate Dates:	• Mock exam at the end of Year 12. • Termly practice performances and composition deadlines leading to final submissions at the end of the Spring Term of Year 13.
Additional Comments:	• Performing repertoire can be drawn from students' own interests and specialisms. • Students will be expected to work on performance pieces in class, with their instrumental or vocal teacher and through independent practice. • The listening repertoire is drawn from six areas of study. These are: • Vocal Music • Instrumental Music • Music for Film • Popular Music and Jazz • Fusions • New Directions
Websites:	• Details of the specific set works included in each of the above areas of study can be found at: https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/music-2016.html

BISHOP HEBER HIGH SCHOOL

MUSIC TECHNOLOGY

Study Level	Contact Details
A-Level	**Subject Leader: Director of Performing Arts**
	Mr S Ferrelly (sferrelly@bishopheber.cheshire.sch.uk)
Course	**A-Level Music Technology**

Why study this subject?

Do you have a passion for recording rock and pop music?
Are you interested in music production using computer software and synthesizers?
Do you enjoy creating your own compositions?
Are you open to a wide range of musical styles and traditions?
Do you want to learn more about musical analysis and how producers create modern music?
If the answer to these questions is yes, studying Music Technology at A-Level could be for you.

Course Outline

Component 1-Recording (20%)
Students will capture, edit, mix, and produce an audio recording of a song from the last 100 years of popular music. Each year, Edexcel will produce a list of songs from which to choose.

Component 2-Tech-based composition (20%)
Students must compose a 3-minute piece in response to a choice of briefs from Edexcel. The composition must use synthesis and sampling.

Component 3-Listening and analysing (25%)
Students will sit a 90-minute examination paper and answer questions about several pieces of 'unfamiliar' pop music. There will be four shorter answer questions and one essay about production techniques.

Component 4-Producing and analysing (35%)
Students will complete a 135 minute practical and written examination which will require the analysis of audio and MIDI material, the creation of a mix and an essay which will require knowledge about the science and mathematics underpinning Music Technology.

Where might it lead?

A-Level Music Technology is a fascinating, hugely rewarding, and practical course which also teaches the theory, science and mathematics involved in MIDI and audio recording and production. It will prepare you for further study on a production course in Higher Education such as a degree in Music Technology or Sound Production and lead to various careers in the Music industry such as:

- Sound Engineering and other studio roles
- Live Sound Production
- Broadcasting
- Film Music or Games Music Production

The skills you will learn in numeracy, literacy, and analysis, and are transferable to any degree course or future career. This is an A-Level and contains the rigour and discipline required by all A-Level courses with a balance of practical NEA and challenging written examinations. Studying Music Technology at A-Level is greatly valued by universities and employers. Successful students tend to be highly motivated, creative, and well-balanced individuals who possess high levels of critical thinking.

CLICK TO DOWNLOAD DETAILED COURSE INFORMATION

MUSIC TECHNOLOGY

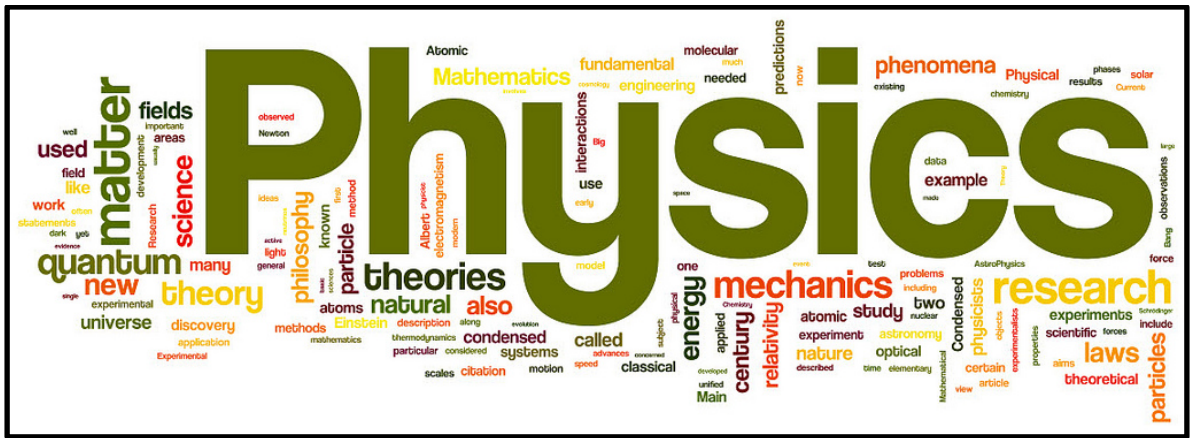
Entry Requirements: Grade 4 in GCSE Music or Grade 5 in ABRSM
Plus: English Language, Maths and two other subjects at Grade 4 and above.

Course Breakdown and how the course will be assessed

Examining Board:	• Edexcel
Requirements:	• 40% Non-examined Assessment • 60% Written and Practical Examination at the end of the course
Examination Requirements:	• **Recording:** 20% NEA completed during the course. The production of a 3-3.5-minute song. The song is chosen from a list supplied by Edexcel and must be arranged, recorded, mixed, and mastered using a DAW (digital audio workstation), such as Apple Logic. The performance itself is not assessed. A logbook of the recording process as well as the audio file is submitted. • **Composing:** 20% NEA completed during the course. A 3-minute technology-based composition is submitted as an audio file with a logbook. The composition is in response to a brief by Edexcel and assesses an understanding of melody, harmony, texture, timbre, dynamics, and tempo via the control of synthesis and sampling. The work is completed using a DAW. • **Listening and Analysing:** 25% Terminal Examination. A 90-minute paper based on popular music with a range of shorter answer questions and an extended response. • **Producing and Analysing:** 35% Terminal Examination. A 135-minute examination with a practical element. This paper examines knowledge of MIDI and Audio files with analysis of the science and mathematics of Music Technology. There is an extended written response required in this paper.
Final Completion Date:	• NEA May 15th of Year 13. • Written Examinations June of Year 13.
Intermediate Dates:	• Mock exam at the end of Year 12 • Regular interim NEA deadlines throughout the course.
Additional Comments:	• The list of songs from which to choose a recording for component 1, has previously included artists such as AC/DC, Maroon 5, Katy Perry, The Who and Taylor Swift. • The composition briefs for component 2 have previously included a commission to write music to accompany a short film scene, set the words of a poem as a song or piece of contemporary music, and write a more abstract piece based on suggested samples.

Websites and Journals:	• Details of the course including the specification can be found at: https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/music-technology-2017.html
	• There are excellent Music Technology journals such as:
	  ○ Sound on Sound
	  ○ Future Music

PHYSICS



Study Level **Contact Details**
A-level **Head of Physics**
Mr M Taylor (mtaylor@bishopheber.cheshire.sch.uk)

Course **A-level Physics**

Why study this subject?

You will already be familiar with many of the topics that you will study, including forces, waves, radioactivity, electricity and magnetism. At A-level, you'll look at these areas in more detail and find out how they are interconnected. You will also learn how to apply maths to real-world problems and explore new areas such as particle physics, cosmology and medical physics. Perhaps more importantly, you will develop skills that can be transferred to just about any other area of work, from setting up a business to saving the planet. Even if you don't go on to become a physicist, learning to think like one will help you get to the root of any problem and draw connections that aren't obvious to others. Physics won't give you all the answers, but it will teach you how to ask the right questions.

Course Outline

Topics:

1 Measurements and their errors

2 Particles and radiation

3 Waves

4 Mechanics and materials

5 Electricity

6 Further mechanics and thermal physics

7 Fields and their consequences

8 Nuclear physics

9 Astrophysics

Where might it lead?

Physics is highly respected by universities and will lead to a huge range of traditional and diverse career opportunities. The skills achieved at A-level are transferable to any profession.

The opportunities are endless and include:
Actuarial and Scientific Research
All types of Engineering
Astrophysics
Dentistry
Forensic Science
Manufacturing Industries
Medicine
Veterinary Science
Physics

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PHYSICS

Entry Requirements: Higher Tier Physics at Grade 6
Plus English Language, Maths and two other subjects at Grade 4 and above.

Course Breakdown and how the course will be assessed

Examining Board:	AQA
Requirements:	• 100% terminal examinations • 12 required practicals assessed for competency • Practical work assessed in written exams
Examination Requirements:	3 papers – 2 hours each • Paper 1 – Topics 1 to 5 including 6.1 Further Mechanics • Paper 2 – Topics 6.2 to 8 • Paper 3 – Topic 9 and Assessment of practical skills
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• End of Topic Tests • Spring Mocks • End of Year 12 Exam
Additional Comments:	The compulsory textbooks can be lent by the Science department when a refundable deposit of £10 is placed per book Compulsory Textbook to support study: AQA A-level Physics Year 1 and AS Student Book ISBN: 9780007590223 AQA A-level Physics Year 2 Student book ISBN: 9780007597642 The optional workbooks can either be purchased through other retailers, or where demand is high, the Science department can make a large purchase order on behalf of the students. Optional Workbooks to support study: CGP A-level Physics Complete Revision and Practice Work book ISBN: 9781789080322 "Practice in Physics" by Akrill *et al* ISBN: 8601404284205
Websites and revision resources	On sharepoint access to the following: Physics PiXL6 resources for each topic. Useful Youtube channels: IOP https://www.youtube.com/channel/UCPKnBhy8PqPLapWIZ7orlKQ AK Lectures https://www.youtube.com/channel/UCFJyaHVyWKb2y-HkIAEPIdA A-level Physics Online https://www.youtube.com/channel/UCZzatyx-xC-Dl_VVUVHYDYw DrPhysicsA https://www.youtube.com/channel/UCIVaddFslWk1TFoKNrvh99Q Professor Dave Explains https://www.youtube.com/channel/UC0cd_-e49hZpWLH3UIwoWRA

BISHOP HEBER HIGH SCHOOL

POLITICS

Study Level **Contact Details**
A-level **Subject Leader**
Mr J Penlington (jpenlington@bishopheber.cheshire.sch.uk)

Course **A-level Politics**

Why study this subject?

- It is incredibly interesting, relevant to the world you live in and ever-changing and therefore cannot be learnt from a textbook! The study of Politics can also complement other A-level subjects on offer such as History, Economics and Sociology to name a few.
- You develop the skills needed to present key arguments, understand of different political ideologies and viewpoints, analyse and evaluate our current political system and enhance your essay writing skills and ability to form substantiated judgements and conclusions.

Course Outline

Unit 1 – UK Politics & Core Political Ideologies

- A study of political participation including political parties, electoral systems and voting behaviour
- A study of Conservatism, Liberalism and Socialism

Unit 2 – UK Government & Non-Core political ideology

- A study of UK government including the constitution, parliament, the Prime Minister and executive.
- A study of non-mainstream ideology

Unit 3 – USA Comparative Politics

- A comparative study of American politics including the US Constitution, civil rights and the US Presidency.

Where might it lead?

Politics is a well-respected qualification and a significant proportion of students who take the subject go on to study some form of Politics at University, evidencing the popularity of the course. Undergraduate study of International Relations and Philosophy, Politics and Economic (PPE) are common. The varied topics that are covered offer a highly engaging course and the subject is popular with students appreciating its contemporary nature. The skills learnt are transferable to other written and analytical subjects and are an excellent basis for University education. The academic rigour and development of these skills makes it such a well-respected qualification and it has led many former students onto varied careers some directly in politics but also law, humanitarian work, journalism, law and the civil service.

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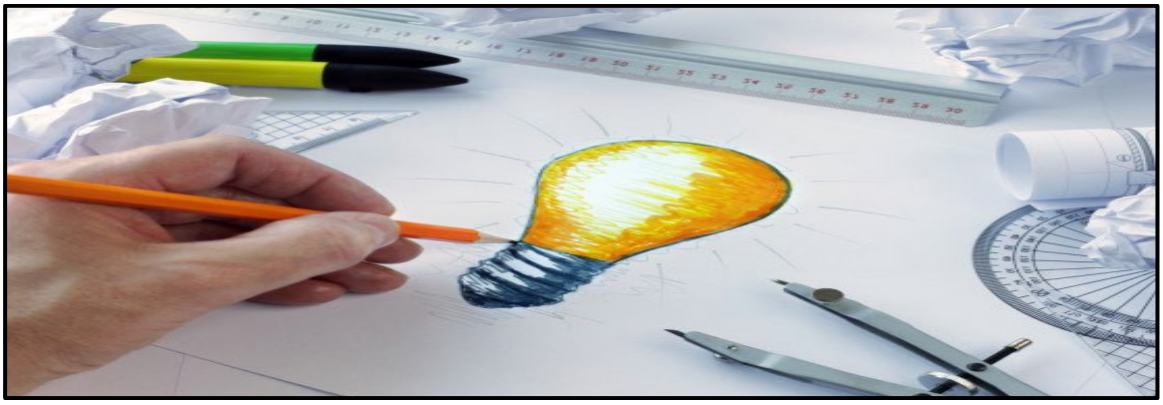
POLITICS

Entry Requirements: English Language, Maths and three other subjects at Grade 4 and above.

Course breakdown and how the course will be assessed

Examining Board:	Edexcel
Requirements:	• Paper 1 - UK Politics (33.3%) • Paper 2 - Governing the UK (33.3%) • Paper 3 - American Politics (33.3%)
Examination Requirements:	• Paper 1: (2 Hours) UK Politics and Core Political Ideas: One source question, one essay from a choice of two and a core political ideas essay • Paper 2: (2 Hours) UK Government and Non-Core Political Ideas: One source question, one essay from a choice of two and a non-core political ideas essay • Paper 3: (2 Hours) Comparative Politics- USA: Short and longer answer questions comparing UK and US Politics.
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• Mock exams at the end of Year 12 • Mock exams February of Year 13
Additional Comments:	Textbooks • Textbooks are provided in lessons but these are also available at the links below: https://www.amazon.co.uk/Edexcel-Politics-level-Student-eBook/dp/1292187026/ref=sr_1_1?s=books&ie=UTF8&qid=1529072033&sr=1-1&keywords=edexcel+politics https://www.amazon.co.uk/Edexcel-Government-Politics-Level-Fifth/dp/1471889319/ref=pd_lpo_sbs_14_t_2?_encoding=UTF8&psc=1&refRID=8VMRF9QE9PV78RTRQ51H Revision guides • https://www.amazon.co.uk/My-Revision-Notes-level-Government/dp/1471889661/ref=sr_1_1?s=books&ie=UTF8&qid=1529072062&sr=1-1&keywords=politics+revision+guides+edexcel
Websites:	• The Edexcel Website has past papers and resources to support the completion of the course https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/politics-2017.coursematerials.html#filterQuery=category:Pearson-UK:Category%2FSpecification-and-sample-assessments • A helpful website which incorporates different revision resources and up-to-date political developments http://alevelpolitics.com/

PRODUCT DESIGN



Study Level **Contact Details**
A-level **Subject Leader**
Miss J Stockley (jstockley@bishopheber.cheshire.sch.uk)

Course **A-level Product Design**

Why study this subject?

- Are you interested in designers past and present?
- Are you interested in technologies and how they have changed the course of industrial manufacturing?
- Could you design the next mobile phone, electric car, ergonomically perfect chair or waterproof jacket?

Course Outline

Paper 1 Written Exam – 2.5 hours (30%)

Core technical principles. Additional specialist knowledge.

Paper 2 Written Exam – 1.5 hours (20%)

Designing and making principles

Non-examined assessment substantial design and make task – 45 hours (50%)

Practical application of technical principles, designing and making principles, specialist knowledge

Where might it lead?

Specifically Design and Technology can lead to employment in such careers as architecture, product design, engineering, manufacturing, graphic design, advertising, fashion design, quantity and building surveying and illustration.

Careers in Design and Technology

"The innovation that fuels UK growth relies on knowledge, the skilled use of materials and the command of ideas. Design and the Arts are vital components of an accessible and varied education system that can provide these skills."

Sir Jonathan Ive, Stella McCartney, Sir Terence Conran (and others)

- *from an open letter to Michel Gove*

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PRODUCT DESIGN

Entry Requirements: Grade 4 in any DT subject
Plus English Language, Maths and two other subjects at Grade 4 and above.

Course breakdown and how the course will be assessed

Examining Board:	AQA
Requirements:	• 50% Examination (2 papers) • 50% Non-Examined Assessment (coursework)
Examination Requirements:	**Exam paper 1:** **Technical principles** Written exam: 2 hours and 30 minutes (120 marks) 30% of A-level Mixture of short answer and extended response. **Exam paper 2:** **Designing and making principles** Written exam: 1 hour and 30 minutes (80 marks) 20% of A-level 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)** Practical application of technical principles, designing and making principles. Substantial design and make project (100 marks) 50% of A-level Written or digital design portfolio and photographic evidence of final prototype.
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• Mock exam in June of Year 12 • Mock exam February of Year 13
Additional Comments:	Revision guides are available: AQA AS and A-level Design and Technology: Product Design Authors: Will Potts, Julia Morrison, Ian Granger, Dave Sumpner Publisher: Hodder ISBN-13: 9781510414082
Websites:	• http://www.technologystudent.com/ • https://www.gcsepod.com/ • http://designmuseum.org/ • https://www.alessi.com/gb_en/

PSYCHOLOGY

Study Level **Contact Details**
AS & A-level **Subject Leader**
Mrs P Mullan (pmullan@bishopheber.cheshire.sch.uk)

Course **A-level Psychology**

Why study this subject?

A-level Psychology will give you an understanding of the way people think and why people behave in certain ways.
You will learn a variety of skills including analytical thinking, improved communication, problem solving and many more that will prepare you for an exciting future with the possibility of a range of fantastic careers.

Course Outline

Unit 1:

- Social influence
- Memory
- Attachment
- Psychopathology

Unit 2:

- Research methods
- Approaches in Psychology
- Biopsychology

Unit 3:

- Relationships
- Schizophrenia
- Aggression
- Issues and debates

Where might it lead?

Having an A-level in Psychology forms an excellent basis for a career working with or managing people. Psychology is a well-respected qualification and a large number of students who study the subject at Heber go on to complete Psychology related courses at University.
These degree courses include; Psychology, Criminology, Sociology, Business studies, Teaching, Sport and Exercise Science and Law.
Studying Psychology at university can give you a whole host of exciting career options, including:
Accountancy
Business Development
Clinical Psychology
Human Resources
Forensic Psychology
Marketing
Nursing
Occupational therapy
Teaching

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PSYCHOLOGY

Entry Requirements: Maths, English Language and three other subjects at Grade 4 and above.

Course breakdown and how the course will be assessed

Examining Board:	AQA
Requirements:	• Examination (100%)
Examination Requirements:	• Paper 1 - 2 Hours) (33.3%) • Paper 2 - 2 Hours (33.3%) • Paper 3 - 2 hours (33.3%)
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• Mock exams end of Year 12 • Mock exams February of Year13
Additional Comments:	Textbook • https://www.amazon.co.uk/AQA-Psychology-Level-Year-AS/dp/1908682442/ref=pd_lpo_sbs_14_t_0/261-2946304-3187959?_encoding=UTF8&psc=1&refRID=WJJB8826S50AAPCZV9A3 Revision guide • https://www.amazon.co.uk/AQA-Psychology-Level-Year-AS/dp/1908682442
Website:	• http://www2.aqa.org.uk/subjects/psychology/as-and-a-level/psychology-7181-7182

BISHOP HEBER HIGH SCHOOL

RELIGIOUS STUDIES

Study Level **Contact Details**
A Level **Head of Department**
Mrs N Stubbs (nstubbs@bishopheber.cheshire.sch.uk)

Course **A-level Religious Studies**

Why study this subject?

Religious Studies is a thought provoking subject and its contemporary themes will help inspire engaging classroom discussion, which you will be encouraged to engage in as thoroughly as possible. You are required to study the theories of key philosophers and Christian views, as well as their critics and develop your own views. You will gain a thorough understanding of diverse philosophical and ethical viewpoints.

Course Outline

Paper 1 – Philosophy of religion and ethics

Arguments for the existence of God; the problem of evil; religious experience; miracles; body/soul distinction and the afterlife; ethical theories – Utilitarianism, Kant, Natural Law, Situation ethics; the application to practical issues such as embryo research, abortion, euthanasia, use of animals and capital punishment; ethical language; free will; conscience.

Paper 2 – Study of religion and dialogues (Christianity)

Christian views on God; afterlife; moral conduct; identity; gender and sexuality; science; secularisation; migration and pluralism.

Making links between Christian thought and the philosophical and ethical theories studied in Paper 1.

Where might it lead?

Religious Studies, with its debate, exploration of ethical issues and investigation into belief, provides an ideal platform for many courses at degree level. It is highly regarded by universities and employers as it proves that you are able to think, discuss and evaluate.

You will develop a high standard of critical and evaluative skills sought by higher education and employers – particularly in law, education, social work, politics, medicine, publishing, administration and the media.

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RELIGIOUS STUDIES

Entry Requirements: Maths, English Language and three other subjects at Grade 4 and above.

Course breakdown and how the course will be assessed

Examining Board:	• AQA
Examination Requirements:	• Paper 1 (3 Hours) Answer all questions • Paper 2 (3 Hours) Answer all questions on section A, Sections B and C answer one question from a choice of two in each section • No coursework
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• Mock exam at end of Year 12 and February of Year 13
Additional Comments:	• Extended reading from our Philosophy library is actively encouraged to boost their general Philosophical thinking
Websites:	www.philosophyalevel.com www.rsrevision.com

BISHOP HEBER HIGH SCHOOL

SOCIOLOGY

Study Level **Contact Details**
A-level **Teacher i/c Sociology**
Mrs K Becousse (kbecousse@bishopheber.cheshire.sch.uk)

Course **A-level Sociology**

Why study this subject?

Sociology is about the world in which we live in. It will help you to understand the structures within society. Lessons are always engaging and full of discussion. Sociology results are well above national average. It is a challenging academic qualification that is highly valued by universities and employers.

Sociology students develop excellent analytical and evaluative skills which are of worth to any academic discipline. Sociology students are able to look at the world with empathy and understanding which is beneficial to any person centred job you might be wanting in the future.

Course Outline

Year 12

- Families and households
- Education
- Theory and methods

Year 13

- Beliefs in society
- Crime and deviance
- Theory and methods

Where might it lead?

Sociology is a highly respected and valued academic qualification by employers and universities alike. The subject is very popular as we cover interesting topics that are engaging and apply to the society in which we live in. The course demands full attendance, dedication, reading, explanation and analytical skills. The skills learnt are transferable to other written and analytical subjects such as History, Politics, Psychology, English and Media Studies. Sociology provides students with an excellent basis for University education. It is a subject that will enable students to develop a social conscience which is essential for any career where you need to work and understand the needs of others. The academic rigour of the subject makes it a well-respected qualification and it has led many former students onto varied careers such as, journalism, law, nursing, social work, probation, politics, teaching, history, psychology and criminology.

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SOCIOLOGY

Entry Requirements: English Language, Maths and three other subjects at Grade 4 and above.

Course breakdown and how the course will be assessed

Examining Board:	• AQA
Requirements:	• Three exams at the end of Year 13
Examination Requirements:	• Paper 1: Education with theory and method - 2 hours (33.3%) • Paper 2: Topics in Sociology - 2 hours (33.3%) • Paper 3: Crime, deviance theory and method - 2 hours (33.3%)
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• Mock exams end of Year 12 • Mock exams in February of Year 13
Additional Comments:	• AQA A-level Sociology Book One, Including AS Level Rob Webb, Hal Westergaard, Keith Trobe, Annie Townend • AQA A-level Sociology Book Two, Rob Webb, Hal Westergaard, Keith Trobe, Annie Townend
Websites:	• https://www.s-cool.co.uk/a-level/sociology • https://revisesociology.com/ • https://www.theguardian.com/society • http://www.aqa.co.uk

SPANISH

Study Level **Contact Details**
A-level **Subject Leader**
Mr. D. Blanchard (dblanchard@bishopheber.cheshire.sch.uk)

Course: **A-level Spanish**

Why study this subject?

Students studying a A-level Spanish course can expect to explore the language, culture and society of the country or countries where the language is spoken. In turn students can expect to:

- enhance their linguistic skills and promote and develop their capacity for critical thinking.
- develop control of the language system to convey meaning for both practical and intellectual purposes.
- develop their ability to interact effectively with users of the language, including through online media.
- develop language learning skills and strategies to build fluency and confidence.
- engage critically with intellectually stimulating texts and films in the original language.
- develop their capacity for critical and analytical thinking through the language of study.
- develop as independent researchers through the language of study.

Course Outline

The A-level course is a two year course that is taught alongside a comprehensive grammar programme. Topics include social issues and trends, political and artistic culture and literary texts and films. Three papers assess all four key skills; listening, speaking reading and writing at the end of the two year course. Students also carry out an assessed individual research project on an area of study related to the target language country.

Where might it lead?

Modern languages are a highly respected and valued academic qualification by employers. Post A-level the ability to combine a foreign language with any other subject at University is a very popular pathway. From single honours degrees, to joint language degrees or combining business and management with a foreign language, there is always a higher level course that allows flexibility to continue studying a language. Employers regard language skills as a desirable quality and students studying a foreign language have gone on to careers in translating, travel, tourism, management, teaching, recruitment, IT, border control, security services, policing and many more.

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SPANISH

Entry Requirements: Grade 4 or above in the chosen language
Plus English Language, Maths and three other subjects at Grade 4 and above.

Course Breakdown and how the course will be assessed

Examining Board:	AQA
Requirements:	• Paper 1 - (50%) • Paper 2 - (20%) • Paper 3 – (30%)
Examination Requirements:	Paper 1: Listening, reading and writing • Aspects of target language society: current trends • Aspects of target language society: current issues • Artistic culture in the target language world • Aspects of political life in the target language world • Grammar Paper 2: Writing • One text and one film or two texts from the list set in the specification • Grammar Paper 3: Speaking • Individual research project • One of four themes from Paper 1.
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• Mock examinations end of Year 12 • Mock examinations February Year 13
Additional Comments:	In addition, students following this specification will: • Develop research skills, demonstrating the ability to initiate and conduct individual research on a subject of personal interest, relating to the country or countries where the target language is spoken. • Identify a key question or subject of interest and select relevant information in the target language from a range of authentic sources, including the internet. • Use information to illustrate knowledge and understanding of the research subject. • Analyse and summarise research findings, elaborating on key points of interest, as appropriate, through oral presentation and discussion.
Websites:	• www.aqa.org.uk • www.kerboodle.com • www.teachitlanguages.co.uk • www.linguascope.com

BISHOP HEBER HIGH SCHOOL

SPORT STUDIES

Study Level **Contact Details**
BTEC **Head of Department**
Mr M.Lindley (mlindley@bishopheber.cheshire.sch.uk)

Course **BTEC Level 3 National Extended Certificate in Sport (equivalent to one A-level)**

Why study this subject?

If you have a strong passion for sport, are highly motivated and interested in working in a sporting environment in the future then the BTEC Level 3 National Extended Certificate in Sport is the ideal course to follow. Employers value BTEC's approach to learning because it provides a unique combination of technical skills which help prepare students for employment, together with a breadth of knowledge about the sector that empowers them to succeed in the real world. The flexibility to build a programme of study combined with practical application, all of which is tailored directly to a student's aspirations, is proven to produce a valued candidate in the eyes of employers. In addition, the ethos of BTEC courses provides experiences that promote maturity in participants which directly enhances their employability

Course Outline

The BTEC Extended Certificate is an academic, practical and vocational course. You learn by completing projects and assignments that are based on realistic workplace situations in addition to a number of externally set tasks and exams. This qualification is worth the equivalent to one A level.

The course is made up of 4 units (or subjects) which cover the broad range of the sports industry. 2 of the units are assessed internally through the production of a portfolio of evidence. This evidence is generated through written assignments, presentations or practical demonstrations. 2 of the units are assessed externally through an exam and set tasks.

The internally assessed units are Sports Psychology and Professional Development in the Sports Industry. The externally assessed units- Anatomy & Physiology and Fitness Training and Programming for Health, Sport and Well-being

Where might it lead?

The Pearson BTEC National Extended Certificate in Sport is intended to be an Applied General qualification for post-16 learners who want to continue their education through applied learning and who aim to progress to higher education and ultimately to employment in the sport sector.

The content of this qualification has been developed in consultation with academics to ensure that it supports progression to higher education. Employers and professional bodies have also been involved and consulted to confirm that the content is appropriate and consistent with current practice for learners who may choose to enter employment directly in the sport sector. Progression routes include employment in the following fields: Sport Science, Leisure and Business Management, Marketing, Fitness Training, Coaching, Teacher Training and sports Development.

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SPORT STUDIES

Course Breakdown and how the course will be assessed

Option/Choice:	• **Option C**
Examining Board:	• Pearson
Requirements:	There are 4 units of which 3 are mandatory and 2 are external. The mandatory content is 83% of the course The external assessment is 67% of the course **Year 1** Unit 1 Anatomy and Physiology Unit 6 Sports Psychology **Year 2** Unit 2 Fitness Training and Programming for Health, Sport and Well-being Unit 3 Professional Development in the Sports Industry.
Examination Requirements:	• Unit 1 – External online exam (1 hr 30 mins) 80 marks
Final Completion Date:	• Summer of Year 13
Intermediate Dates:	• Unit 1 External exam 1st attempt May/June Yr12, Resit Jan Yr 13 • Unit 2 External Set Task 1st attempt Jan Yr 13, Resit June Yr 13
Additional Comments:	• All subject content aims to introduce a variety of situations and activities within a sporting context in order to improve and broaden skills as well as develop student's knowledge, understanding and independent learning. • A key element of the course is the ability to meet deadlines. A failure to meet deadlines could result in failure of the course. • Students are able to achieve a Level 1 (Pass) or a Level 2 (Pass, Merit or Distinction); this is determined by the students' points scored. • External Assessment exam/set task - One Resit is available.
Websites:	• BrianMac www.brianmac.co.uk • British Association of Sport and Exercise Sciences www.bases.org.uk • Coachwise www.1st4sport.com • Human Kinetics www.humankinetics.com • Peak Performance www.pponline.co.uk • Sports Coach UK www.sportscoachuk.org • Top End Sports www.topendsports.com Please also refer to assignment briefs where you will find a list of further websites based on the unit you are studying

BISHOP HEBER HIGH SCHOOL

TOURISM

Study Level **Contact Details**
DIPLOMA **Subject Leader**
Mr A Cummings (acummings@bishopheber.cheshire.sch.uk),

Course: **Level 3 Applied Diploma in Tourism (equivalent to one A-level)**

Why study this subject?

Tourism is a dynamic course that examines the fast-paced and ever changing tourism industry across the globe, which presents diverse job opportunities.
The Diploma is for learners who are interested in learning about Tourism, with a view to progressing to a wide range of higher education courses or apprenticeship positions.
The emphasis on this course is based very much on you acquiring the essential skills demanded by industry. Progress is made by successful completion of four units of study, two of which are assessed by coursework alongside two external examinations.

Course Outline

Topic 1 – The United Kingdom Tourism product (exam 25% of final grade)
Learners study what the UK offers to inbound and domestic tourists and the wide range of employment opportunities within this industry.
Topic 2 – Worldwide Tourism Destinations (25% of final grade) Learners will examine the wide range of global destinations and how these short haul and long haul countries are marketed to differing target audiences.
Topic 3 – The Dynamic Tourism Industry (25% exam of final grade) Learners study how Global Tourism is a dynamic industry and constantly adapting to external pressures, including environmental, technology, Geo-political and social factors.
Topic 4 – Event and Itinerary Planning (25% of final grade) Learners explore event management and the importance of planning UK events, considering risk assessments and financial awareness.

Where might it lead?

Tourism is a growing sector of the global economy, this course equips students with an understanding of the tourism industry. The subject is increasingly popular as an option as it engages students with real life Tourism examples from across the globe. Students are encouraged to work independently and acquire research which they will then analyse and evaluate.
Tourism is now one of the largest employment sectors Globally, with many job opportunities to work overseas.
All the skills learnt are transferable to other subjects and provide a foundation for those considering the subject or similar subjects at University. This respected course can lead to students pursuing careers in: Airlines, Tour Operators, Cruise Lines, Tourist Attractions and Tourism boards as well as Event Management.

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TOURISM

Entry Requirements: English Language, Maths and three other subjects at Grade 4 and above.

Course breakdown and how the course will be assessed

Examining Board:	WJEC
Requirements:	• 50% Coursework • 50% Examination
Examination Requirements	• Unit 1 – **The UK Tourism Product**. Written exam: 1 hour 30 minutes (25%) • Unit 3 – **The Dynamic Tourism Industry.** Controlled Assessment: 3 hours (25%)
Final Completion Date:	• Exam Summer of Year 13 • Coursework Easter of Year 13
Intermediate Dates:	• Unit 2 - Worldwide Tourism Destinations (January 2019) • Unit 4 - Event and Itinerary Planning (April 2020)
Additional Comments:	• The subject content is split into four units of study. • In the specification content, students are encouraged to study examples of real life tourism examples and to investigate these in the assignments they complete. This will enable them to relate theory with case studies and examples. Case studies are used in the examination units, which requires the students to develop context and in depth of knowledge of the dynamic tourism industry. • Text books will be supplied in class. • Past papers are used extensively for homework activities and revision. • Students are encouraged to keep up to date with current affairs and watch the news regularly.
Revision Guide/s:	• Introducing Travel and Tourism ISBN9780955019074
Websites:	• http://www.wjec.co.uk/qualifications/tourism/tourism-applied-level-3/?language_id=1 • https://www.visitbritain.com/gb/en#RhWpFyweSWOPC1t1.97 • https://www.tandtpublishing.co.uk/latest-travel-and-tourism-industry-news.html • https://www.tutor2u.net/economics/reference/tourism-and-economic-development