

Gosfield School

Curriculum Outline

Subject: A Level Biology

Year: 13

General Information:

This course follows the AQA A Level specification. Lessons are a mixture of theory and practical experiments to develop their investigative skills.

Practical and investigative skills are covered throughout the course and are specified by the examination board. They may be assessed through written examination questions and also form part of the Practical Endorsement; a separate competency assessment.

Regular progress tests and mock examinations are carried out as internal assessment. Prep work is set regularly and covers a range of activities, including independent reading and research.

Autumn Term

- ❖ Energy Transfer in and between organisms
- ❖ Survival & Response
- ❖ Nervous Coordination
- ❖ Inheritance
- ❖ Populations
- ❖ Evolution

Spring Term

- ❖ Skeletal Muscles & Nervous Control
- ❖ Homeostasis
- ❖ Populations in Ecosystems
- ❖ Control of Genetic Expression
- ❖ Transcription & Translation
- ❖ Using Genome Projects

Summer Term

REVISION



Gosfield School

Curriculum Outline

Subject: A Level Business

Year: 13

General Information: Students will be learning the Edexcel examination course.

There are four themes that are covered in A level Business.

Theme 1: Marketing and People

Theme 2: Managing business activities

Theme 3: Business decisions and strategy

Theme 4: Global business.

There are 3 exams of 2 hours each.

Paper 1 will focus on Themes 1 and 4 and will be worth 35% of the marks

Paper 2 will focus on Themes 2 and 3 and will be worth 35% of the marks

Paper 3 will assess content across all four themes. There will be a pre-released context document released by Pearson Edexcel in November of the second year of the A level.

Students will then learn the material required for the second exam: Paper 2 Business activities, decisions and strategies. This will be assessed with Theme 3 at the end of Year 13.

Autumn Term 1

Theme 3: Business decisions and strategy

- Investment appraisal
- Critical path analysis

Autumn Term 2

Theme 3: Business decisions and strategy

- Business ethics
- Ratio analysis

Spring Term 1

Theme 4: Global business

- Growing economies
- Trading blocs
- The impact of MNCs

Spring Term 2

Theme 1 - 4:

- Revision and past papers

Summer Term 1

Theme 1 - 4:

- Revision and past papers
- A levels

Summer Term 2

Theme 1 - 4:

- A levels

Gosfield School

Curriculum Outline

Subject: Technical PE

Year: 12,13

General Information:

This course is designed for students who are keen to develop a knowledge of sport and their own individual performance.

Students who select this course will be able to play 4 hours of their own sport each week and will have the opportunity to Analyse their own technique, improve, earn coaching badges and umpiring qualifications and also develop a deeper understanding of the body, how it functions and how its function can be improved to enable their performance to improve.

Assessment

Students will have a mixture of internal assessment (on going coursework) and external Moderation (exams), depending on the units that they are studying.

Where can A Diploma in Sports Coaching Take me

Physical Education is about so much more than playing sport. It is about developing a knowledge of the impact sport can have on health, well-being and fitness. Physical Education lends itself to a range of careers in sport and leisure industries and beyond; for example teaching, coaching, personal training, sports science, physiotherapy, occupational health, nutrition, consultancy and sports journalism.

Alongside the deep theoretical knowledge and understanding that you will gain, whilst studying Sports Coaching you will learn a range of skills that will serve you, whatever your future may hold. For example: teamwork, resilience, competitive spirit, communication and analytical skills.

Examinable Units	Coursework units
Unit 1 - 90 Body Systems and the effects of physical activity Unit 4 - 90 Working Safely in sport, exercise and leisure Unit 3 - 60 Sports Organisation and Development	Unit 8 - 60 Organisation of Sports Events Unit 11 - 30 Physical Activity for Specific Groups Unit 13 - 60 Health and Fitness Testing for sport and exercise Unit 2 - 90 Sports Coaching and activity Leadership Unit 5 - 60 Performance analysis in sport and exercise Unit 17 - 60 Sports Injuries and Rehabilitation Unit 18 - 60 Practical skills in sport and physical activity Unit 19 - 60 Sport and Exercise Psychology

Gosfield School

Curriculum Outline

Subject: A Level Chemistry

Year: 13

General Information:

This course follows the AQA A Level specification. Lessons are a mixture of theory and practical experiments to develop their investigative skills.

Practical and investigative skills are covered throughout the course and are specified by the examination board. They may be assessed through written examination questions and also form part of the Practical Endorsement; a separate competency assessment.

Regular progress tests and mock examinations are carried out as internal assessment. Prep work is set every lesson and covers a range of activities, including independent reading and research.

Autumn Term	Spring Term	Summer Term
❖ Thermodynamics (P) ❖ Acids & Bases (P) ❖ Electrode Potentials & Electrochemical Cells (P) ❖ Optical Isomerism (O) ❖ Aldehydes & Ketones (O) ❖ Carboxylic Acids & Derivatives (O) ❖ Rate Equations (P) ❖ Aromatic Chemistry (O) ❖ Amines (O) ❖ Polymers (O)	❖ Transition Metals (I) ❖ Reactions of Ions in Aqueous Solution (I) ❖ Properties of Period 3 Elements & their Oxides (I) ❖ Amino Acids, Proteins & DNA (O) ❖ Equilibrium Constant K_p for Homogeneous Systems (P) ❖ Nuclear Magnetic Resonance Spectroscopy (O) ❖ Chromatography (O) ❖ Organic Synthesis (O)	REVISION

(P) = Physical Chemistry (O) = Organic Chemistry (I) = Inorganic Chemistry



Gosfield School

Curriculum Outline

Subject: A Level DT

Year: 13

General Information: GCE: AQA Product design: 3D Design

The structure of the year is very much focused on the completion of the Non-Examined Assessment project for each individual student. This is a design and manufacture project worth 50% of the A level result so it is of high importance. Each student will have chosen a product to research, design and manufacture following an analytical design process. The product will need to be challenging enough to stretch each student and it can include working with materials and components such as wood, metal, plastic, textiles and may incorporate control technologies as necessary. Alongside this NEA the students will be further prepared for the final exam papers centred around 'Technical Principles' and 'Designing and Making Principles'.

Paper 1 – Technical Principles is a 2hrs 30min paper – worth 30% of the A level

Paper 2 – Designing and making Principles is a 1hr 30min paper – worth 20% of the A level

Autumn Term 1 <u>Final Project NEA</u> • Primary resources and research • Sketches and initial ideas • Developed ideas <u>Supporting theory</u> • H&S • Product Analysis • Fashion and Trends	Autumn Term 2 <u>Final Project NEA</u> • Development through experimentation • Modelling • CAD development <u>Supporting theory</u> • Famous designers • Design movements • Product life cycle	Spring Term 1 <u>Final Project NEA</u> • Ordering materials • Working drawings • Manufacture <u>Supporting theory</u> • Sustainable design • Legislation • Patents and design protection
Spring Term 2 <u>Final Project NEA</u> • Manufacture • Recording of processes • Recording changes to design and evaluation <u>Supporting theory</u>	Summer Term 1 <u>Final Project NEA</u> • Hand in of finished NEA <u>Revision for examination</u>	Summer Term 2 <u>Paper 1</u> Technical Principles <u>Paper 2</u>

• Impact on society • Feasibility studies • Materials testing		Designing and making Principles
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Gosfield School

Curriculum Outline

Subject: English Literature

Year: 13

General Information:

The AQA Advanced GCE in English Literature encompasses the study of a diverse range of literary texts, both pre- and post-1900. Students will further develop their analytical skills through the study of drama, prose, and poetry, and will gain a deeper appreciation for the variety of genres within the literary landscape. Year 13 focuses on refining these skills through the exploration of modern texts and the completion of the independent critical study. The critical study, a cornerstone of this year, involves an extended comparative essay on two texts chosen by the student, encouraging independent thinking and a critical understanding of literature.

Assessment:

The AQA A-Level English Literature course includes three externally examined papers (Drama, Prose and Poetry) and one coursework component (the extended comparative essay). All assessments must be completed in the May/June exam season of any single year. To prepare for these exams, students in Year 13 will sit an internal mock examination in January, covering the texts studied up to that point. The final examinations are taken in the Summer Term, assessing the student's understanding and analytical skills across all components of the course.

Term	Content
Autumn Term 1	Revision of Year 12 content, introduction to unseen poetry and prose analysis
Autumn Term 2	Further analysis of unseen texts, feedback from mock exams, and revision
Spring Term 1	Preparation for final exams: Revision sessions for each text, essay planning, and time management techniques
Spring Term 2	Final review and recap of all texts, exam techniques, unseen text analysis, and comparative analysis
Summer Term 1	Last-minute preparation for exams and completion of any remaining queries or areas of difficulty
Summer Term 2	Exams (usually until mid-June), post-exam reflection and next steps



Gosfield School

Curriculum Outline

Subject: Further Maths

Year: 12

General Information

Students in year 12 follow the Edexcel AS Level Further Maths specification. This course can be externally assessed at the end of year 12 to provide an AS Further Maths qualification, or more likely, students will be assessed at the end of year 12 for an A2 Level Further Maths qualification.

Students complete various assessments on key topics throughout the year to check and consolidate their learning. In addition, students sit an End of Year exam that is graded and compared to their targets to check progress made. The group may work at a pace different to the outline below, to match with the ability of the group.

Autumn Term 1 - Algebraic expressions - Modulus functions, composite and inverse functions - Quadratic Functions - Equations and inequalities - Graphs and transformations - Trig ratio and graphs - Straight line graphs - Circles	Autumn Term 2 - Transformations and solving modulus problems - Factor theorem, division, simplifying algebraic fractions - Arithmetic / geometric progressions, sigma notation - Partial fractions and vectors - Recurrence and modelling - Integration - Vectors and modelling in mechanics - Velocity / time SUVAT	Spring Term 1 - Recurrence and modelling - Integration - Vectors and modelling in mechanics - Velocity / time SUVAT - Applications of kinematics - Complex numbers and Argand diagrams - Binomial expansion - Trig identities, inverse trig functions - Transformation of roots of polynomials and matrices
Spring Term 2 - Double angle formulae, solving trig equations - Parametric equations, curves and modelling - Differentiation of trig functions from first principles, exponentials, logs and	Summer Term 1 - Differentiation, product rule, quotient rule, trig and parametric functions, implicit functions, 2nd derivatives, rates of change - Integration, trig identities, reverse of chain rule - Newton laws of motion,	Summer Term 2 - Integration - Proving trig identities, solving trig problems - Differential equations and modelling - Iteration and numerical methods - Complex numbers

Gosfield School

Curriculum Outline

Subject: History

Year: 13

General Information:

A Level History – Edexcel – (A2) In History, students develop the skills to understand past events, analyse cause and effect, recognise patterns and evaluate sources with increasing confidence and sophistication. They will be able to form independent opinions on the topics we cover and develop writing skills to describe these ideas.

Autumn Term 1 <u>Lancastrians, Yorkists and Henry VII, 1399-1509</u> • Introduction • The Crises of 1399-1405 • Henry V and the Conquest of France, 1413-21 • Renewed Crises and Challenges 1449-61.- Henry IV and Margaret Anjou • Fall of Duke of Suffolk • Read and start writing coursework. Continued revision of the early Kings. Constant exam/essay work.	Autumn Term 2 <u>Lancastrians, Yorkists and Henry VII, 1399-1509</u> • Renewed Crises 1449-61- Cades Rebellion, Battle of Towton and the importance of the Earl of Warwick. • The Yorkists divided 1478-85 – Murder of George, Duke of Clarence in 1478 • Completion of first draft of Coursework. Continued revision of the early Kings. Constant exam/essay work.	Spring Term 1 <u>Lancastrians, Yorkists and Henry VII, 1399-1509</u> • The Challenges faced by Richard III • Henry VII- success at the Battle of Bosworth and claiming the throne. • Challengers to Henry VII – Perkin Warbeck. • Resistance to Henry VII- Yorkish and Cornish Rebellion
Spring Term 2 <u>Lancastrians, Yorkists and Henry VII, 1399-1509</u> • The importance of retaining, 1399-1509 • Coping with challenge- disorder and local rivalries, 1399-1509 • Royal income 1399-1509	Summer Term 1 • Revision	Summer Term 2 • Revision

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| <ul style="list-style-type: none">• War and diplomacy,
1399-1509 | | |
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Gosfield School

Curriculum Outline

Subject: Mathematics

Year: 13

General Information

Students in Year 13 follow the Edexcel A2 Level Maths Specification. This course is externally assessed at the end of year 13 to provide an A2 Level Maths qualification.

Students complete various assessments on key topics throughout the year to check and consolidate their learning. In addition, students will sit mock examinations that are graded and compared to their targets to check progress made. The group may work at a pace different to the outline below, to match with the ability of the group.

Autumn Term 1 - Algebra and functions - Coordinate geometry in the (x, y) plane - Further algebra - Statistical sampling - Data presentation and interpretation - Quantities and units in mechanics - Kinematics 1 (constant acceleration)	Autumn Term 2 - Trigonometry - Vectors (2D) - Differentiation - Integration - Exponentials and logarithms - Probability - Statistical distributions - Statistical hypothesis testing - Forces & Newton's laws - Kinematics 2 (variable acceleration)	Spring Term 1 - Proof - Algebraic and partial fractions - Functions and modelling - Series and sequences - The binomial theorem - Trigonometry - Regression and correlation - Probability - Moments - Forces at any angle - Applications of kinematics
Spring Term 2 - Trigonometry - Parametric equations - Differentiation - Numerical methods - Integration (part 1) - The Normal distribution - Applications of forces - Further kinematics	Summer Term 1 - Integration (part 2) - Vectors (3D) - Revision	Summer Term 2 Consolidation/Revision External exams

Gosfield School

Curriculum Outline

Subject: A Physics

Year: 13

General Information:

This course follows the AQA AS Level specification. Lessons are a mixture of theory and practical experiments to develop their investigative skills.

Practical and investigative skills are covered throughout the course and are specified by the examination board. They may be assessed through written examination questions and also form part of the Practical Endorsement; a separate competency assessment.

Regular progress tests and mock examinations are carried out as internal assessment. Prep work is set regularly and covers a range of activities, including independent reading and research.

Autumn Term

- ❖ Further Mechanics
 - Circular Motion
 - Simple Harmonic Motion
 - Damping & Resonance
- ❖ Gravitational Fields
 - Newton's Law of Gravitation
 - Orbits
 - Gravitational Potential & Potential Energy
- ❖ Electric Fields
 - Static Forces
 - Coulomb's Law of Electrostatics
 - Uniform Electric Fields
 - Electric Potential & Potential Energy
- ❖ Magnetic Fields
 - Current Conducting Wires
 - Moving Charges
 - Orbits
- ❖ Electromagnetic Induction

Spring Term

- ❖ Thermal Physics
 - Internal Energy & Temperature
 - Specific Heat Capacity
 - Changing State & Specific Latent Heat
 - Experimental Gas Laws
 - The Ideal Gas Law
 - Kinetic Theory of Gases
- ❖ Option Unit (Astrophysics)
 - Optical Telescopes
 - Non-Optical Telescopes
 - Resolving Power
 - Lenses
 - Star Measurements
 - Star Classification
 - Stellar Evolution
 - H-R Diagram
 - Doppler Shift
 - Galaxies
 - Quasars
 - Expansion of the Universe

Summer Term

REVISION

➤ Faraday's Law ➤ Generators ➤ Alternating Current & Power ➤ Transformers		
❖ Nuclear Physics ➤ Radioactivity ➤ Alpha, Beta & Gamma Radiation ➤ Using Radioactive Isotopes ➤ Nuclear Radius ➤ Binding Energy ➤ Fission & Fusion ➤ The Nuclear Reactor		



Gosfield School

Curriculum Outline

Subject: A-level Psychology

Year: 13

General Information:

Psychology is the scientific study of the mind, brain and behavior. We follow the AQA A level 7182 course with Year 13 students for examination in Summer 2025. Psychology students will learn to describe and evaluate psychological concepts, theory and research for new Year 2 topics of Approaches, Biopsychology, Issues and debates, Relationships, Eating behaviour and Addiction. The course will also involve students having knowledge and understanding of Year 1 topics and revising this content thoroughly. Students will continue their learning of various research methods used by psychologists on from their studies in Year 1 of the course. Students will continue to develop practical research and mathematical skills to include the design and conduct of their own research, as they done in Year 12.

Autumn Term 1 • Memory completed Paper 1 • Approaches comparison Paper 2 • Biopsychology Paper 2 • Research Methods Paper 2 Revise Psychopathology and Memory from Year 1	Autumn Term 2 • Issues and Debates Paper 3 • Addiction Paper 3 • Research Methods Paper 2 • Mock exam and feedback Revise Social influence, Attachment and Research Methods topics from Year 1	Spring Term 1 • Eating behaviour Paper 3 • Research Methods • Mock exam and feedback Revise Approaches and Biopsychology topics from Year 1
Spring Term 2 • Relationships Paper 3 • Mock exam and feedback • Research Methods Paper 2 Revise issues and debates and Addiction from Year 2	Summer Term 1 • Revision for all papers including exam technique practice Revise Eating behaviour and Research Methods from Year 2	Summer Term 2 • Revision • Exams

Gosfield School

Subject: Sociology

Year: 12

General Information:

Course begins with an introduction to Sociology and the key theories. Understanding different viewpoints and the work of theorists in the light of Family Relationships will be the focus of the first two half terms and will be co-taught with Research methods and Education. The evolution and structure of the family will be explored as will exam technique and expectations.

Autumn Term 1 Beliefs in Society • Course outline • Intro to • Sociological theories. • Functionalism, Feminism and Marxist views of the family. • The New Right • Parsons and Bott • Changes in Family • Oakley and Bolton • Division of Labour • Domestic violence • Social Policy • Exam Technique	Autumn Term 2 • Changing patterns of marriage, cohabitation, separation, divorce and child bearing • Chester, Rapport • Postmodernism • Giddens, Stacey, Beck and Weeks • Develop exam technique • Relating concepts to theories • Demographic trends: birth, death rates, family size, life expectancy, ageing population, migration. Globalisation	Spring Term 1 • Nature of childhood • Changes in status of children in the family and society • Carol Smart • Revision <u>Research Methods.</u> • Introduction to Education and Research Methods • Practical, Ethical and Theoretical issues • Quantitative and Qualitative Methods • Observations • Statistics • Documents • Experiments • Methods in Context.
Spring Term 2 <u>Education</u> • Education policy • Social Policy • Functionalism • New Right • Marxism • Theories of Class on education • Exam Technique	Summer Term 1 <u>Education</u> • Gender • Ethnicity • Developing Exam Technique • Methods in Context	Summer Term 2 Exams and transition to A2. Mass Media Ownership of the Media Control of the Media# Globalisation Crime and Media Representation of the Media



Gosfield School

Curriculum Outline

Subject: UAL Performing & Production Arts

Year: 13

General Information:

This Level 3 Extended Diploma course gives students the knowledge and skills needed to progress to degree level study or employment in the Performing Arts industry.

The University of Arts London (UAL) is a university solely focused on the Creative Arts. Working with UAL allows us to offer our students a bespoke pre-university course. At the end of the two year course students will achieve a UAL Level 3 Extended Diploma in Performing and Production Arts, which is equivalent to three A Levels.

The course is designed to grow students' knowledge and skills across all three disciplines: acting, song and dance. A variety of performance opportunities will allow students to put these skills and technique into practice.

Unit Aims	Delivery	Project Outline and Assessment Methods
Unit 9 Developing Performance and Production Skills To provide students with an opportunity to enter into a more formal dialogue of personal interrogation and diagnosis designed to identify strengths, enthusiasms and ambitions within a specific pathway, and to develop the requisite artistic, professional and vocational skills necessary for progression within their chosen discipline.	September-March	Students will perform two in contrasting production styles: drama and musical theatre. Drama will provide a scripted, small ensemble experience. Musical Theatre will provide a directed, large scale ensemble experience. Assessment Scripted performance November '25 Christmas Show December '25 Musical Theatre March '26 Digital Portfolio
Unit 10 Preparing for Progression To prepare students, through a process of research, dialogue, reflection and evaluation, to identify and prepare for specific higher education or employment progression routes appropriate to their ambitions. The unit will enable the student to demonstrate the requisite practical, intellectual and communication skills necessary for progression.	September-February	Students will work on: Audition prep CV writing, Portfolio Building and applications Entrepreneurship and self-promotion Research into agents, Agencies and casting opportunities Simulated auditions and interviews Research into funding through loans, sponsorships and bursaries Assessment Digital Portfolio
Unit 11 Exploration of Specialist Study and Context This unit is designed to enable students to understand a range of critical and contextual perspectives and approaches influencing performing and production arts. Students will demonstrate their understanding through a personal research project in an area of interest,	November-January	Students will select their area of specialist study with guidance. Students will then undertake unit independently, with bi-weekly check-ins on progress. Assessment Presentation of research to PA Scholars and staff Digital Portfolio

preparing them for the direction of their final project.		1,500(min) word essay summarising work
Unit 12 Extended Project (FMP) To provide an opportunity for students to engage in an extended activity related to their discipline of choice. The unit will enable students to take responsibility for their learning by responding positively to the greater opportunities for individual expression and creativity afforded, and to demonstrate their achievement through proposing and realising a project which integrates the skills, knowledge and understanding acquired throughout the course.	January-June	Students will work on a collaborative, scripted production, focussing on performance skills. Assessment Final performance May '26 Digital Portfolio

Gosfield School

Curriculum Outline

Subject: Politics

Year: 13

General Information: A Level History – AQA – Yr 2. Students will continue to study US Politics and Political Ideology.

First Half Term Topics <u>Powers of the Executive</u> • Introduction / Recap Legislature and Judiciary • Powers of the Executive • Relationship between President and other institutions. Ideology - Liberalism	Second Half Term Topics <u>Electoral Process and direct democracy</u> • Two Party System • Candidate selection and nomination. • Factors determining electoral outcomes • Voting behaviours Prep for in class assessments Ideology - Socialism	Third Half Term Topics <u>Political Parties</u> • Democrats and Republicans • Factions • Two Party Dominance Mock Prep and Revision Ideology - Conservatism
Fourth Half Term Topics <u>Pressure Groups/ Civil rights</u> • Different types of Pressure Groups • Methods and Tactics • Civil Rights Ideology - Feminism	Fifth Half Term Topics Revision	Sixth Half Term Topics Revision