

Gosfield School

Curriculum Outline

Subject: A Level Biology

Year: 12

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

- ❖ Monomers & Polymers
- ❖ Carbohydrates
- ❖ Lipids
- ❖ Proteins
- ❖ Nucleic Acids
- ❖ ATP
- ❖ Water
- ❖ Cell Structure
- ❖ Cell Division & Cell Cycle
- ❖ Transport across Membranes
- ❖ Cell Recognition & the Immune System

Spring Term

- ❖ Exchange Surfaces – Surface Area to Volume Ratios
- ❖ Gas Exchange
- ❖ Digestion & Absorption
- ❖ DNA, Genes & Chromosomes
- ❖ DNA & Protein Synthesis
- ❖ Gene Diversity
- ❖ Adaptation
- ❖ Species & Taxonomy
- ❖ Biodiversity
- ❖ Investigating Biodiversity

Summer Term

- ❖ Mass Transport in Animals
- ❖ Mass Transport in Plants
- ❖ Photosynthesis
- ❖ Respiration



Gosfield School

Curriculum Outline

Subject: A Level Business

Year: 12

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 1: Marketing and people • Meeting customer needs • The market • Marketing mix and strategy	Autumn Term 2 Theme 1: Marketing and people • Managing people • Entrepreneurs and leaders	Spring Term 1 Theme 2: Managing business activities • Raising finance • Financial planning • Managing finance
Spring Term 2 Theme 2: Managing business activities • Resource management • External influences	Summer Term 1 Theme 1 and 2: The wider economic environment • Mock exam • Revision for May exams	Summer Term 2 Theme 3: Business decisions and strategy • SWOT analysis • Impact of external factors • Mergers and takeovers

--	--	--

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: 12

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
❖ Atomic Structure (P) ❖ Bonding (P) ❖ Amount of Substances (P) ❖ Energetics (P) ❖ Kinetics (P) ❖ Chemical Equilibria & Le Chatelier's Principle (P)	❖ Oxidation, Reduction & Redox Equations (P) ❖ Group 2, the Alkaline Earth Metals (I) ❖ Group 7 (17), the Halogens (I) ❖ Periodicity (I) ❖ Introduction to Organic Chemistry (O) ❖ Alkanes (O)	❖ Halogenoalkanes (O) ❖ Alkenes (O) ❖ Alcohols (O) ❖ Organic Analysis (O) ❖ Practical Endorsement Focus

(P) = Physical Chemistry

(O) = Organic Chemistry

(I) = Inorganic Chemistry



Gosfield School

Curriculum Outline

Subject: A Level DT

Year: 12

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

The structure of the year is designed to prepare students for taking on a major project in year 13. Projects in year 12 are therefore structured to develop research skills, graphics skills, designing skills as well as being able to manufacture to high standards in a variety of materials. CAD/CAM is very much part of the structure of these projects with all students using 3D printing, laser cutting and 3D design software to develop final ideas.

Theory teaching focuses on the fundamentals in this first year of the A level course and so materials technology and manufacturing processes are at the centre of the students' learning. A mock exam in the summer term uses much of the questioning found in Paper 1 – Technical Principles. Final exam papers at the end of year 13 centre 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>Screwdriver Project</u> - Filing skills - Heat treatment of steel - Use of Onshape CAD 3D printing <u>Supporting theory</u> - Wood and plastics materials - Stock forms - Treatment and finishes - Properties	Autumn Term 2 <u>Business Card Holder project</u> - Onshape CAD - Working drawings 3D printing - Laser sintering <u>Supporting theory</u> - Metal and composite materials - Stock forms - Treatments and finishes - Properties	Spring Term 1 <u>Napkin holder Project</u> - Research skills - Design specification - Graphics Skills <u>Supporting theory</u> - Smart materials and modern materials - Stock forms - Applications
Spring Term 2 <u>Napkin holder Project</u> 3D modelling skills - Manufacturing development <u>Supporting theory</u>	Summer Term 1 <u>Napkin holder Project</u> - Final manufacture - Evaluation <u>Supporting theory</u>	Summer Term <u>Choosing the final A level Project</u> - Design Brief - Analysis of the problem - Research skills <u>Supporting theory</u>

• Plastics processes • Wood processes	• Metal processes • Composites processes	• Industrial practices • Production systems • ICT in manufacture
---	--	--



Gosfield School

Curriculum Outline

Subject: English Literature

Year: 12

General Information:

In Year 12 of our AQA A-Level English Literature course, students will engage in an in-depth study of three externally examined components: Drama, Prose, and Poetry. The Drama section will explore Shakespeare's 'Othello' in the context of Elizabethan England. In the Prose segment, students will delve into 'The Great Gatsby' by Scott Fitzgerald, investigating its complex characters and American backdrop. The Poetry component will introduce students to a diverse collection of love poetry from the AQA Anthology, composed before 1900.

Alongside this, students will start their preparation for the coursework component of the A-Level: an extended comparative essay on two texts of their choice. The process involves selecting texts, framing a research question, and beginning preliminary research. This independent study encourages the development of critical thinking and independent research skills, setting a solid foundation for their final year of study.

Assessment:

To assess progress and readiness for the final examinations, students will sit an internal mock examination in January. This exam will cover the Drama and Prose components studied in the first half of the year. Furthermore, they will complete an internal assessment in the Summer term, providing valuable feedback on their understanding and skills before they progress into Year 13. The goal of Year 12 is to build a strong understanding of the literary texts, their contexts, and the necessary analytical skills, setting students up for success in their final year of A-Level studies.

Autumn 1	Autumn 2	Spring 1
Introduction to course and drama Shakespeare play and Post-1900 play	Introduction to course and drama Shakespeare play and Post-1900 play	Shakespeare play and Shakespeare Critical Anthology Mock Exam: Drama Post-1900 play (cont) Introduction to poetry and Contemporary poetry
Spring 2	Summer 1	Summer 2
Contemporary poetry and	Introduction to coursework &	Internal assessment: drama and

Pre-1900 poetry
Unseen analysis

Revision of drama and poetry

poetry



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: GCSE Geography

Year: 12

General Information: *AQA GCSE Course* – In Year 12 we begin the scheme of study with a mixture of paper 1 (physical) and paper 2 (human) topics.

Autumn Term 1 Contemporary Urban Environments - Urbanisation - Mega cities - World cities - Urban form - Urban climate - Air pollution - Urban drainage - Water pollution	Autumn Term 2 Contemporary Urban Environments - Urban drainage - Water pollution - Dereliction - River restoration - Sustainable urban developments - Changes in urban environments - Case studies - Decentralisation - Urban resurgence - Social and economic issues	Spring Term 1 Coastal systems and landscapes - Processes - Wind and waves - Sediment cells and budgets - Geo-morphological processes - Erosion and deposition - Sand dunes and salt marshes
Spring Term 2 Coastal systems and landscapes - Sea level change - UK coastal area - Hard and soft engineering - Sustainable management - Integrated coastal zones - Research project	Summer Term 1 Changing Places - Rural and urban places - Relationship and connections - Meaning and representation - Global and localisation - Importance of place - Relationships and connection - Homogenisation - Divisions of place - Case studies	Summer Term 2 Non examined assessment preparation

Gosfield School

Curriculum Outline

Subject: History

Year: 12

General Information: A Level History – Edexcel – (AS) 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>1917-91, From Lenin to Yeltsin</u> • Introduction • Russian Revolution • Russian Civil War 1917-21 • NEP Russia • Building a Socialist Utopia • Collectivisation and Industrialisation from 1928 • Stalin's rule in the 1930s	Autumn Term 2 <u>1917-91, From Lenin to Yeltsin</u> • The USSR, during and after World War Two • Khrushchev and de-Stalinisation • Society and Culture under Khrushchev • Economy from Khrushchev to Brezhnev • Brezhnev 1964-1982, Era of stagnation. • Review	Spring Term 1 <u>1917-91, From Lenin to Yeltsin</u> • Overview of historical themes – Communist Power – Industrial and agricultural change – Control of the people – Development of Society – Fall of the USSR • Historical Interpretations
Spring Term 2 <u>Mao's China 1949-76</u> • Introduction • Establishing and consolidating Communist rule • Aftermath of the Civil War • New Power structure • China and the Korean War. • Dealing with Opponents • Agriculture and Industrial Changes • Thematic Review/source debate and evaluation	Summer Term 1 <u>Mao's China 1949-76</u> • Cultural Revolution and Aftermath • Red Guards and Terror • Attacks on Mao's political and class enemies. • Social and Cultural Changes - Women - Education - Health - Cultural Change - Revision	Summer Term 2 • Revision • Work on Year 2 Coursework



Gosfield School

Curriculum Outline

Subject: Mathematics

Year: 12

General Information

Students in year 12 follow the Edexcel AS Level Maths Specification. This course can be externally assessed at the end of year 12 to provide an AS Level Maths qualification, or more likely, students will be assessed at the end of year 12 for an A2 Level 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 - Algebra and functions - Statistical sampling - Data presentation and interpretation - Quantities and units in mechanics - Kinematics 1	Autumn Term 2 - Coordinate geometry in the (x, y) plane - Further algebra - Data presentation and interpretation - Kinematics 1	Spring Term 1 - Trigonometry - Vectors (2D) - Probability - Statistical distributions - Forces and Newton's laws
Spring Term 2 - Differentiation - Integration - Statistical hypothesis testing - Forces and Newton's laws	Summer Term 1 - Exponentials and logarithms - Statistical hypothesis testing - Kinematics 2	Summer Term 2 - Consolidation/Revision - End of Year/external exams



Gosfield School

Curriculum Outline

Subject: Government and Politics

Year: 12

General Information: A Level Government and Politics– AQA – (A2) In Politics, will provide insight into political beliefs central to an understanding of the modern world. It also develops analytical and evaluative skills in relation to interesting topics prevalent in the turbulent political climate of today. The course also provides foundation of political knowledge on which to develop skills for citizenship and university study. Example degree courses which generally require or accept Politics A-level include Politics, Economics, Journalism, Law, International Relations, History and Social Policy.

First Half Term Topics <u>Government of the UK</u> • Introduction • UK Constitution • What is a constitution? • Constitutional Changes • UK Parliament • Role and Influence of MPS and Peers • Legislative and Executive Process	Second Half Term Topics <u>Government of the UK</u> • UK Prime Minister and Cabinet. • European Union • EU institutions • Impact of the EU on the UK • Devolution • Roles, powers and responsibilities of the different devolved bodies in the UK.	Third Half Term Topics <u>Politics in the UK</u> • The nature of UK democracy • Different types of democracy. • Electoral systems • Voting behaviour • What impacts the outcome of an election • Referendums • Political Parties in the UK • Pressure Groups
Fourth Half Term Topics <u>Politics in the UK</u> • What impacts the outcome of an election • Referendums • Political Parties in the UK • Pressure Groups	Fifth Half Term Topics <u>Politics in the UK</u> • Judiciary • Composition and Appointment • Role of the Supreme Court • Importance of Ultra Vires and Judicial Review.	Sixth Half Term Topics <u>Government and Politics</u> • Revision and exam Practice.



Gosfield School

Curriculum Outline

Subject: A-level Psychology

Year: 12

General Information:

Psychology is the scientific study of the mind, brain and behavior. We follow the AQA A level 7182 course with students sitting Paper 1, Paper 2 and Paper 3 in 2026. Students will learn to describe and evaluate psychological concepts, theory and research. The course will also involve students having knowledge and understanding of various research methods used by psychologists. Students will also develop practical research and mathematical skills to include the design and conduct of their own research.

Autumn Term 1

- Introduction to Psychology
- Approaches including Biopsychology Paper 2
- Research Methods Paper 2

Autumn Term 2

- Psychopathology Paper 2
- Research Methods Paper 2
- Assessment/Mock

Spring Term 1

- Memory Paper 1
- Attachment Paper 1
- Research Methods Paper 2

Spring Term 2

- Mock exam
- Attachment continued Paper 1
- Research Methods Paper 2

Summer Term 1

- Social influence Paper 2
- Revision including exam technique practice

Summer Term 2

- Mock exam
- Year 2 topics started

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: 12

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.

Autumn Term

Project 1: Units 1-4. This project is the creation of a public thematic performance, designed to introduce students to the following units and skills:

UNIT 1 PRINCIPLES OF PERFORMANCE: Unit 1 provides an introduction to a range of activities essential to the development and delivery of performance. It introduces the basic elements of drama, dance and music, the process of rehearsal, production and delivery of a performance, and imparts an understanding of performing arts as a collaborative activity.

UNIT 2 ENGAGING WITH AN AUDIENCE: Unit 2 provides an introduction to oral, written and visual communication as integral to activities in the performing arts. Students explore and analyse meaning and how to convey a message to an audience through voice and performance.

UNIT 3 INTRODUCTION TO PROFESSIONAL PRACTICE: Unit 3 provides an introduction to the diversity of roles, responsibilities, employment and progression opportunities available within the sector. It will also introduce the importance of health and safety as integral to the performer and production, and an understanding of the personal and professional characteristics needed for a career in the performing arts

UNIT 4 CRITICAL AND CONTEXTUAL AWARENESS Unit 4 provides an introduction to the investigation of both historical and contemporary context. Through a thematic approach to the subject, students will research a broad range of perspectives that influence the development of ideas within the performing arts.

Spring Term

Project 2: Units 5–7. This project will require the student to apply their newly acquired skills, knowledge and understanding in a series of more complex and demanding assignments in production, performance and design.

UNIT 5 PRODUCTION SKILLS AND CONTEXT: will provide the student with an opportunity to integrate knowledge and understanding acquired in Units 1–4, and to explore the specific skills and attributes required for production and design in the performing arts.

UNIT 6 PERFORMANCE SKILLS AND CONTEXT: will provide the student with an opportunity to integrate knowledge and understanding acquired in Units 1–4, and to explore the specific skills and attributes required for performance in the performing arts.

UNIT 7 PREPARATION FOR SPECIALIST STUDY: will provide the student with an opportunity to integrate knowledge and understanding acquired in Units 1–4, and to explore the specific skills and attributes required for their own personal practice.

Summer Term

Final Major Project: Unit 8. This final project will require the student to make use of the skills, knowledge and understanding developed in Units 5–7 to complete a collaborative performance.

UNIT 8 COLLABORATIVE PERFORMANCE PROJECT: This unit provides students with a measure of self-directed learning, and an opportunity to begin to clarify their longer-term goals through their choice of an activity to explore in greater depth. Unit 8 is the summative and graded unit at the end of the one-year Diploma qualification. Further units are completed in Year 13, leading to the Extended Diploma.