



GORESBROOK

6TH FORM

EXCELLENCE. OPPORTUNITY.



WELCOME

It gives me great pleasure to welcome you to Goresbrook School's sixth form prospectus.



Goresbrook Secondary School opened in September 2016 to provide an exceptional education for students in Barking and Dagenham. We started with a cohort of enthusiastic and industrious year 7 students, who are currently our founding year 12 cohort. We aim to be one of the best sixth form provisions in the country, ensuring that all young people leave us with the real option to succeed at the very best universities.

At the core of our offer is an academic A level curriculum, designed to equip students to meet the challenges of university and life as successful adults. Alongside our academic offer is an extensive enrichment provision, catering to the diverse interests, ambitions and talents of our students. Goresbrook Sixth Form students benefit from a dedicated, new sixth form building that opened this September.

I am extremely excited to grow our sixth form over the coming years, and to meet you and your family.

Megan Harris

Principal



At Goresbrook Sixth Form, we have the highest of expectations of students and work on providing them with the confidence, autonomy and independence to succeed in higher education and beyond. My philosophy has always been placing young people at the heart of practice, ensuring not only the importance of academic success, but also that students are shaped on a personal level to know that they can and will succeed, irrespective of their backgrounds. We ensure that they possess the resilience and self-awareness to do so. We have a challenging and rigorous curriculum that looks at inspiring students and getting them to understand the purpose of why they study each subject, not just for A Level, but also beyond. We have links with some of the top institutions and organisations in the country and this will ensure that the opportunities provided to students are vast and meaningful. I look forward to welcoming you.

Athena Christodoulou

Head of Sixth Form

VISION

Goresbrook Sixth Form opened its doors in September 2021, providing a highly academic offer for students in the locality of Barking and Dagenham. In line with the school vision, the sixth form provides a route to university. Our curriculum provides a selection of A levels and a comprehensive university preparation programme, aiming to get our students into the best universities. Students who join our sixth form can expect the following:

Excellent, subject-specialist teaching in academic and facilitating subjects

We offer six weekly teaching hours for all courses, delivered by specialist teachers. Our teaching and learning approach is designed to facilitate independent study and study at higher education. Our class sizes are small, enabling a more personalised approach to curriculum delivery.

A comprehensive university preparation programme

In order to successfully secure a place at a top university, students will require support with selecting the right courses, writing a winning application, effective interview techniques, entrance exams and financial preparation. At Goresbrook, these elements are planned into a supplementary curriculum taught over the two years. Students receive support from an academic tutor, who will maintain oversight of their university preparation, providing expert advice and guidance throughout. Our university preparation programme goes beyond getting students into university and looks at how to prepare students for success whilst at university. This includes exposure to higher education study skills, as well as sessions on managing finances and well-being.

A broad enrichment offer

Students get the opportunity to build wider skills such as leadership, organisation and research. Students will also be encouraged to take part in sport. These experiences aim to mirror what students might expect at university. This means that students will be able to leave Goresbrook as well-rounded individuals.

Goresbrook Sixth Form students are part of a supportive culture where they are known, the expectations are high and their development is a priority. We hope you will join our sixth form.



WHAT WE OFFER

A purposefully built sixth form building, complete with a catering pod and university-style independent study space

An enriching coaching programme including the A Level Mindset

A co-curricular programme including student led societies

Extensive opportunities for student leadership with our bespoke student leadership team

PSHE empowerment days

University partnerships and bespoke programmes

Higher education support with university choice, applications, interviews and more

Careers guidance

Access to bespoke scholarship pathways with Barking Football Club, and the Right Development Foundation for basketball



OUR LINKED PARTNERS



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ART

EXAM BOARD: EDEXCEL

Choose this subject if

You are interested in learning to think creatively, explore new materials and develop your art skills. This A level is not just for those who wish to study art at university. This is a subject that helps develop independent, creative and critical thinking skills, in preparation for university and your future. You can use this subject to show that you are a well-rounded and creative university applicant, who is able to think and work independently.

A level Art follows the same structure as the GCSE; however, you will get to deepen your skills, creativity and understanding of art, artists and techniques.

You will

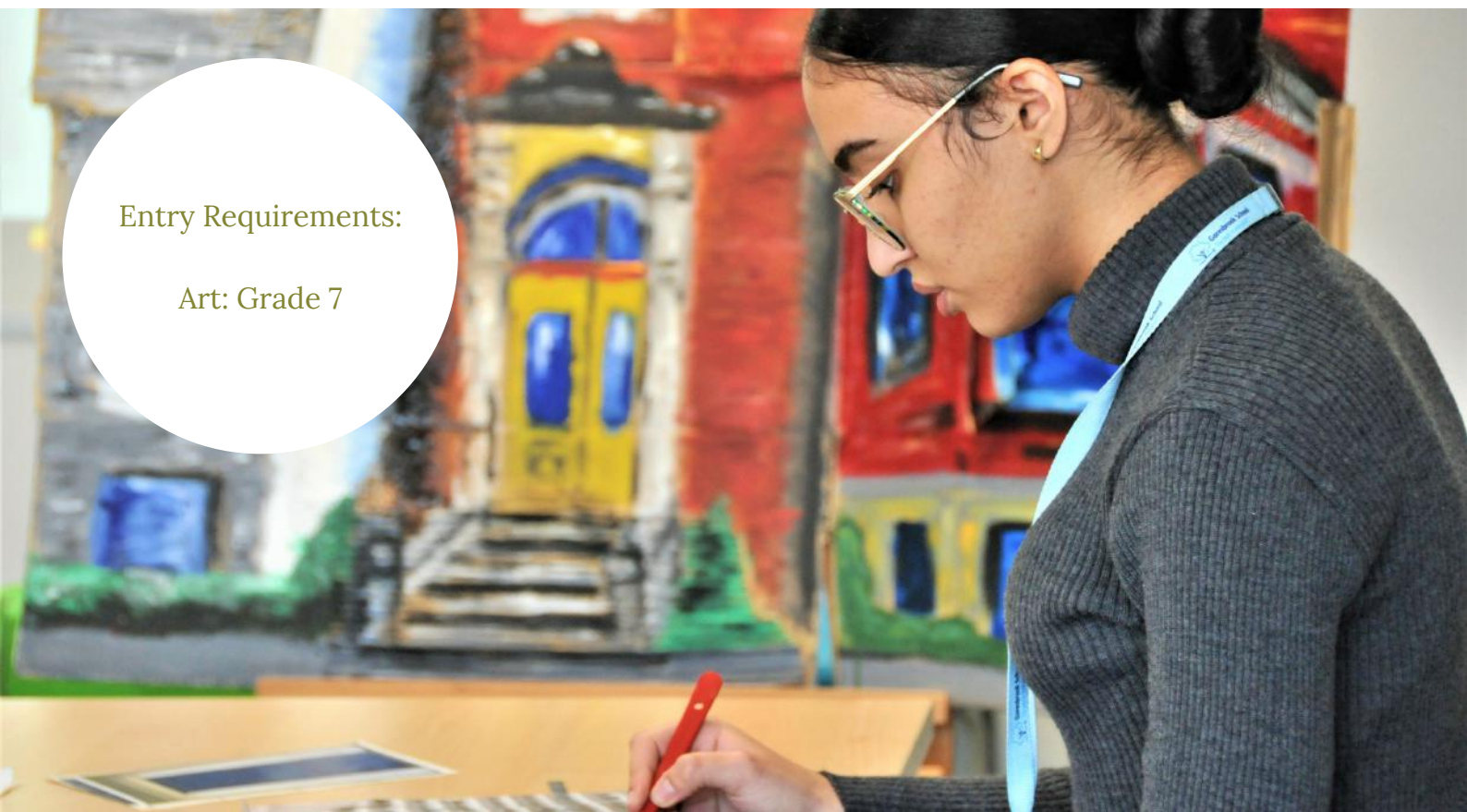
- develop ideas;
- explore and learn about artists;
- experiment with different materials;
- refine ideas and processes;
- create personal outcomes.

The course aims to develop the following key skills:

- Intellectual, imaginative and creative thinking skills
- The ability to investigate and analyse
- Independence of mind
- The ability to develop and communicate your own ideas
- The enthusiasm and enjoyment of art, craft and design

Entry Requirements:

Art: Grade 7



BIOLOGY

EXAM BOARD: AQA

Choose this subject if

You are interested in the world around you and the relationships between different organisms, and find the human body, plants or animals interesting.

A level Biology builds upon GCSE learning. You will get the opportunity to deepen your understanding of biological phenomena and get increased exposure to biological experimental procedures.

You will study the following topics:

- **Biological molecules** - carbohydrates, lipids proteins, nucleic acids and water
- **Cells** - cell structure, communication between cells, transport, and disease
- **Organisms exchange substances** - gas exchange, digestive systems and transport
- **Genetics** - DNA, protein synthesis, genetic diversity and taxonomy
- **Organisms** - how they respond to changes in their internal and external environments; the nervous system and homeostasis
- **Energy transfers** - photosynthesis, respiration and nutrient cycles

A close-up photograph of a young Black male student wearing a white lab coat and clear safety goggles. He is looking down intently at a small object in his hands, which appears to be a test tube or a small container. The background is a plain, light-colored wall.

Entry Requirements:

Biology: Grade 7

Maths: Grade 6

CHEMISTRY

EXAM BOARD: AQA

Choose this subject if

You are interested in understanding how the world around you works on a molecular level. This scientific discipline is highly valued by all universities.

A level Chemistry builds upon GCSE learning. You will get the opportunity to deepen your understanding of chemical reactions, moving past pattern recognition in reactions to an understanding of why the reactions take place. You will gain a deeper understanding of physical chemistry, learning the underpinnings of thermodynamics and kinetics.

The course is divided along the academic subgroups of chemistry:

- **Physical chemistry** - the study of how matter behaves on a molecular and atomic level
- **Atomic and electronic structure**
- **Amount of substance**
- **Energetics**
- **Kinetics**
- **Thermodynamics**
- **Electrochemistry**
- **Inorganic chemistry** - the study of the reactions and properties of inorganic chemicals
- **Bonding**
- **Periodicity**
- **Organic chemistry** - the study of the reactions and properties of organic compounds
- **Optical isomerism**
- **Synthesis of organic compounds**
- **Structure determination**

Entry Requirements:

Chemistry: Grade 7

Maths: Grade 6



ECONOMICS

EXAM BOARD: EDEXCEL

Choose this subject if

You are interested in studying a relatively quantitative subject that combines mathematical skills with real-world applications.

Economics is an applied subject that investigates how markets and economies interact with each other and the role that we, the consumer, play in these interactions.

Theme 1 - Introduction to Markets and Market Failure

- Nature of economics
- How Markets work
- Market failure
- Government intervention

Theme 2 - The UK Economy

- Measures of economic performance
- Aggregate demand
- Aggregate supply
- National income
- Economic growth
- Macroeconomic objectives and policy

Theme 3 - Business Behaviour and the Labour Market

- Business growth
- Business objectives
- Revenue, costs and profits
- Market structures
- Labour market
- Government intervention

Theme 4 - A Global Perspective

- International economics
- Poverty and inequality
- Emerging and developing countries
- The financial sector
- Role of government in the macroeconomy

Entry Requirements:

English: Grade 6

Maths: Grade 7



ENGLISH LITERATURE

EXAM BOARD: EDEXCEL

Choose this subject if

- You love reading and want to learn more about a wide range of literature;
- You enjoy thinking about and exploring some of life's biggest questions - "The reading of all good books is like conversation with the finest men of past centuries." ~ René Descartes;
- You express your opinions well - both in speech and in writing;
- You want to develop your understanding of literature from all over the world;
- You are interested in developing your critical, analytical faculties;
- You are interested in human rights, justice and politics, and how authors explore and affect our understandings of these ideas;
- You possess empathy, curiosity and enthusiasm!

A level English builds on the knowledge and skills acquired at GCSE. You will learn new concepts and approaches to literature and will gain a deeper insight into the way writers craft their work.

Across the two years, you will study the following:

- Two Shakespeare plays
- Collections of pre-1900 and post-1900 poetry
- Five prose texts
- One modern drama

You will also have the opportunity to complete an independent study project. This module gives you the freedom to choose your own texts to compare, and essay questions to respond to, allowing you to pursue your own literary interests and deepen understanding of your chosen area.



Entry Requirements:

English Lang: Grade 6

English Lit: Grade 7

FRENCH

EXAM BOARD: EDEXCEL

Choose this subject if

- *You dream of speaking French fluently and impressively, and perhaps working abroad;*
- *You wish to gain in-depth knowledge of France and French-speaking countries;*
- *You want to get a broad perspective on a wide range of issues and topics;*
- *You enjoy learning about other cultures and languages;*
- *You have an interest in literature and the arts.*

You will progress beyond the fundamentals of GCSE to learn how to express yourself fluently in spoken and written French, making use of the highest levels of vocabulary and grammar.

You will study the following:

- **Social issues and trends** – the changing nature of family; technology; voluntary work; positive features of a diverse society; life for the marginalised; criminal justice systems
- **Political and artistic culture** – heritage and culture; contemporary music;; cinema; the right to vote and political commitment; demonstrations and strikes; politics and immigration
- **A literary text and a film**



Entry Requirements:

French: Grade 6

FURTHER MATHEMATICS

EXAM BOARD: EDEXCEL

Choose this subject if

You are a confident mathematician who is particularly interested in studying a mathematical degree at university.

You may only take Further Maths if you also study A level Mathematics.

Over the year, you will be introduced to new maths systems that change the laws of maths as you know it!

Core Pure Mathematics

- Proof
- Complex numbers
- Matrices
- Series
- Further calculus
- Further vectors
- Polar co-ordinates
- Hyperbolic functions

Further Pure Mathematics

- Further trigonometry
- Further calculus
- Further differential equations
- Further inequalities

Further Applied Maths

You will build upon the work you cover in A level maths on either statistics or mechanics. This will go into much more depth and cover topics that you see at university if you study a mathematics-related degree.

Entry Requirements:

Maths: Grade 8



GOVERNMENT & POLITICS

EXAM BOARD: EDEXCEL

Choose this subject if

You are truly interested in gaining a deeper insight into the political beliefs central to an understanding of the modern world. The subject also develops analytical and evaluative skills in relation to interesting topics prevalent in the turbulent political climate of today.

In politics, you will

- develop knowledge and an informed understanding of contemporary political structures and issues in their historical context, both within the United Kingdom (UK) and globally;
- develop a critical awareness of the changing nature of politics and the relationships between political ideas, institutions and processes;
- develop knowledge and an informed understanding of the influences and interests that have an impact on decisions in government and politics;
- develop knowledge and an informed understanding of the rights and responsibilities of individuals and groups;
- develop the ability to critically analyse, interpret and evaluate political information to form arguments and make judgements;
- develop an interest in, and engagement with, contemporary politics.

A photograph of four students sitting in a row in a classroom, looking towards the right. From left to right: a young Black male, a young white female with long blonde hair, a young white female with long brown hair, and a young woman wearing a black hijab. They are all looking intently at something off-camera.

Entry Requirements:

History or English:
Grade 7

HISTORY

EXAM BOARD: EDEXCEL

Choose this subject if

You find people and the societies they live in interesting! This course is ideal for developing your analytical and communication skills and is applicable to many careers, ranging from medicine, to finance, to the heritage sector. It is an ideal complementary subject to English, sociology, psychology, government and politics, and modern foreign languages, as well as an ideal contrasting subject to science and maths.

A level History is ideal preparation for many of the courses available at university and future career paths. You will learn how to evaluate sources and interpretations, and create your own historical interpretations of the past. You will develop your critical and independent thinking skills, which are hugely relevant to today's world.

At Goresbrook, we look at revolutions through time. What causes people to revolt? How much change do they actually achieve? Do all revolutions happen for the same reason? You will study revolutions in Britain, as well as revolutions from an additional country.

- **Paper 1: Britain in Revolution**
- **Paper 2: France in Revolution**
- **Paper 3: War of the Roses**
- **Coursework:** An enquiry project into an area of history of your choice!



Entry Requirements:

History or English:
Grade 6

MATHEMATICS

EXAM BOARD: EDEXCEL

Choose this subject if

You are interested in continuing to explore how mathematics affects the world around us, whilst also learning about how scientists and mathematicians work together to model real-world situations.

A level maths builds upon the work done at GCSE level. Everything learnt in the GCSE syllabus will be revisited and used to solve increasingly difficult problems. There is a large focus on formal notation and you will answer fewer questions with more depth in each exam.

Pure Mathematics

Proof - You will learn further methods of proof within mathematics, such as proof by deduction or contradiction.

Algebra and functions - You will expand upon your work from GCSE and learn about the formal notation that is required for mathematics beyond A level.

Calculus - You will learn about the processes of differentiation and integration and many of their applications. These will include how companies maximise profit.

Exponentials and logarithms - You will learn about models of exponential growth, including how to estimate how often bacteria may multiply if they are growing exponentially.

Trigonometry - You will further explore uses of trigonometry, including learning some new trigonometric functions not covered at GCSE level.

Statistics

You will learn about how statisticians and scientists use models to make estimates about real-world situations, along with the implications and restrictions that must be put in place to ensure a successful study. For students who studied GCSE Statistics, it will build upon the foundation you learned at GCSE and extend some of the skills you have used already.

Mechanics

You will use many of the skills learnt in physics about objects in motion, to set up a framework that allows you to model situations in a controlled manner.



Entry Requirements:

Maths: Grade 7

MUSIC

EXAM BOARD: EDEXCEL

Choose this subject if

You fundamentally enjoy playing and writing music. If you enjoyed the GCSE course, you will find a lot of comparisons. Remember, this is about expanding your horizons and gaining the currency that top universities are looking for. There is a reason why Oxford and Cambridge are famous for their music departments!

A level Music builds upon the GCSE offer and is structured in the same way. You will get the opportunity to deepen your understanding of the western musical tradition and get increased exposure to solo and ensemble playing.

- **Performance:** A combination of solo and ensemble playing
- **Composition:** Two compositions from a range of styles
- **Listening & Appraising:** An academic exam based on detailed listening and analysis

The assessment is very similar to the GCSE course. You have to complete the following:

1. A performance with a combination of solo and ensemble playing - this is slightly longer than the GCSE but very similar in style and range.
2. Two compositions - one is in a style of your choice and the other links to a genre or area of study from the exam content.
3. An exam that covers a range of musical styles from pop to western art music.



Entry Requirements:

Music: Grade 7

PHYSICS

EXAM BOARD: AQA

Choose this subject if:

You want the opportunity to explore the phenomena of the universe and to look at theories that explain what is observed. This subject combines practical skills with theoretical ideas to develop descriptions of the physical universe. Your problem-solving skills will develop immensely.

A level Physics combines both theoretical and practical aspects of understanding physical phenomena around us. The course builds on the GCSE knowledge, tackles a few abstract phenomena, and takes you to cutting-edge studies in particle physics and beyond.

- **Particle Physics:** This section starts with classification of various fundamental particles, tries to shed some light upon quantum phenomena, and explores nuclear physics.
- **Waves:** This section deals with progressive and stationary waves. Various experiments help us to understand wave phenomena, like Young's Double Slit.
- **Mechanics:** This section builds on Newtonian physics and leads into material physics, which is extremely important for future engineers.
- **Electricity:** This section begins with analysis of charge flow and investigates Kirchoff's laws. The section presents many real-life applications.
- **Fields and Astrophysics:** This section develops gravitational, electric and magnetic fields, the forces that cause them, and their interaction. Astrophysics takes us into cosmos with analysis of telescopes, black holes and stellar evolution.



Entry Requirements:

Physics: Grade 7

Maths: Grade 7

PSYCHOLOGY

EXAM BOARD: AQA

Choose this subject if

You are interested in understanding how the brain works, how we behave and the world of research.

Psychology is the study of the mind and behaviour. It is a multi-disciplinary subject that involves exploration of elements of biology, sociology, research methods, psychopathology, child development and much more.

You will study the following compulsory content:

- Social influence
- Memory
- Attachment
- Psychopathology
- Approaches in psychology
- Biopsychology
- Research methods
- Issues and debates in psychology

You will also cover optional modules, ranging from eating behaviours to forensic psychology.



Entry Requirements:

Biology: Grade 6

PHYSICAL EDUCATION

EXAM BOARD: OCR

Choose this subject if

- You are passionate about sport and play competitively outside of school.
- You are interested in sports science, psychology, biomechanics, sociology and the history of sport.

In A level P.E., you will gain a deeper understanding of key systems in the body and how they react to changes in diet and exercise. You will also study the effects of force and motion on the body and how they can be used to our advantage. You will explore the psychological factors affecting performance and group dynamics, alongside skill acquisition. You will also study the social and cultural factors that have shaped sports over time. You will be assessed in the role of either a performer or coach in one practical activity. You are required to show high-level tactics and techniques, and will observe and evaluate a peer's performance.

Modules include

- Physical factors affecting performance (30%)
- Psychological factors affecting performance (20%)
- Socio-cultural issues in physical activity and sport (20%)
- Performance in physical education (30%)

Entry Requirements:

P.E.: Grade 6

Biology: Grade 6



SOCIOLOGY

EXAM BOARD: AQA

Choose this subject if

You are truly interested in what is going on in the world around you and why humans behave in different ways. If you want to look more objectively at our society and how the parts of society fit together and change, sociology may be of interest to you.

Studying sociology offers insights into social and cultural issues. It helps you develop a multi-perspective and critical approach to understanding issues around culture, identity, religion, crime, families and social power.

- **Education and methods in context:** You'll consider the role of education in society. For example, as part of your studies, you'll look into gender and ethnicity differences in school achievement.
- **Research methods:** You'll learn how to conduct your own sociological research, from interviews to reviewing documents and official statistics.
- **Families and households:** You'll learn about family structures and how changes in attitudes and values have changed over time.
- **Crime and deviance with theory and methods:** You'll learn about criminal and deviant behaviour, including factors that might lead a person to follow this path in life and how the media portrays them.
- **Theory and methods:** You'll expand on your knowledge of research methods.
- **Beliefs in society:** You'll learn the significance of religion, ideology and science.



Entry Requirements:

English or Sociology:
Grade 6



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