

### **DRAYTON MANOR HIGH SCHOOL**

Biology A REVISION GUIDE

**SIXTH FORM PROSPECTUS 2025** 

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Senior Deputy Head Christopher Killen MA

Deputy Head Colleen Guitane MA

Assistant Deputy Head Dipesh Patel BSc

Assistant Head Robert Johnston MA

Associate Assistant Heads Arron Poole MA Ross Boniface BA Juan Delgado BA



Lisa Mills Head

It is with great pleasure that I welcome you to Drayton Manor Sixth Form. As Headteacher, I am immensely proud of our school's longstanding commitment to nurturing academic excellence, personal growth and the holistic development of every student, based on the school's values of Ambition, Character, and Civic Virtue.

We are thrilled to announce the opening of our state-of-the-art Sixth Form building for September 2024. This new facility embodies our dedication to providing an inspiring and supportive learning environment. With modern infrastructure, cutting-edge technology, and dedicated spaces for study and collaboration, the new building will be a cornerstone of your academic journey.

At Drayton Manor, we believe in shaping young minds to venture into the world as accomplished, confident, and capable individuals.

Our Sixth Form offers a dynamic and enriching environment, tailored to meet the diverse needs and aspirations of our students. Whether you are continuing your journey with us or joining from another institution, you will find that Drayton Manor provides an unparalleled range of academic, practical, cultural, and sporting opportunities.

The programme is meticulously crafted to support you through this critical transition at the end of Year 11. We ensure that students and parents/carers are well-informed about our admissions process, and we are proud to welcome over 50 new students from other schools each year. The diverse perspectives and experiences these students bring enrich our community and enhance the vibrant tapestry of life at Drayton Manor.

The courses we offer are designed to build on the foundation laid down during Key Stage 3 and 4, facilitating a smooth transition into higher education and employment. Our breadth of experience ensures that you are well-prepared to meet the challenges and opportunities of a rapidly changing world.

As you embark on this exciting new chapter, know that Drayton Manor is here to support and guide you through every step of the way. Together, we will strive for excellence, embrace opportunities, and create a future filled with promise and achievement.

Welcome to Drayton Manor Sixth Form where your journey to becoming an accomplished individual begins.



Ross Boniface Head of Sixth Form

I am delighted that you are considering joining us for this pivotal stage in your academic journey.

At Drayton Manor Sixth Form, we pride ourselves on our commitment to academic excellence, personal development, and preparing students for the opportunities of the future. Our newly opened Sixth Form building provides a welcoming place for formal and informal study with excellent facilities that hosts visits from high profile speakers and seminars. The building has an ultra modern design which is tailor made to get you ready for the world of work or university. With its own bespoke Sixth Form menu, common room and outside terrace. It is a hub of academic activity..

We provide an enriching environment that meets the diverse needs of our students, whether you are continuing with us or joining from another school. With a wide range of academic, cultural, and extracurricular opportunities, Drayton Manor Sixth Form is the perfect place to explore your ambitions and realise your potential.

We are excited to be a part of your journey and look forward to helping you grow into a confident, capable, and accomplished individual.



#### **ABOUT US**

Drayton Manor High School offers a Sixth Form experience which places emphasis on young people developing the knowledge, skills, confidence and ambition to thrive in the complex and everchanging world. We offer a rich and varied weekly programme which stretches students to learn more about themselves and push their capabilities to achieve their full potential.

This range of opportunities on offer allows students to develop and pursue interests and provides them with a broad and rich life experience on which to base their future decisions.

We are proud of our students' achievements and have a

- strong academic record
- nurturing and caring environment
- extensive extra curricular and community service programme
- excellent rate of progression to universities and increasingly to Degree Apprenticeships

#### THE DRAYTON MANOR WAY

We are committed to producing personally rounded and highly knowledgeable students who strive to be exemplary citizens, contributing in all ways and especially as role models within their communities and on the world stage. Ambitious learning; instillingin every studentthe fundamental importance of academic rigour and hard work in all they do, combined with the value of breadth in their studies and the commitment to doing their very best and being the best possible version of themselves.

Do good

for others

for no

personal

gain

Aspire to be the best version of ourselves

The character of students; stimulating relish for fresh challenges and personal responsibility alongside the development of the necessary resilience, courage and determination to overcome challenges in a fast-moving world; inspired by the school's motto Nec Aspera Terrent. Aim to build a better world

Acquisition of civic virtue; including integrity, care for others, service and sharing non-academic life experiences. Civic virtues are character traits that are necessary for engaged responsible citizenship, contributing to the common good. VIRTUE



#### SOME OF OUR PAST SCHOLARS



Ali achieved an A in Chemistry and three A\* grades in Physics, Maths and Further Maths. He is now studying Engineering at Queens' College, University of Cambridge.



"Scholar's Society not only helped me to decide that applying to Oxbridge was for me but also aided my preparation for the admissions tests and interviews as well as developed my note-taking and essay-writing skills. The expertise of our Oxbridge Alumni teaching staff is incredibly motivating and helpful!"



"Helping in the GCSE Sociology lessons as part of the Community Service Programme has developed my transferable skills in mentoring, leadership and communication as well as giving me a firmer grasp of the subject that I want to study at university!"



Barnaby achieved an A\* in Economics, an A in History, an A in Mathematics and an A\* in the EPQ. After completing a gap year he is now at the University of Manchester studying Politics, Philosophy and Economics.

# The Drayton Manor Sixth Form Experience

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- Academic achievement
- Aspirational opportunities
- Enriching experiences

## **Academic Achievment**



Academically, The Sixth Form consistently performs within the top 25% of Sixth Forms nationally, 23% of grades were A\*-A and 52% were A\*-B.

In addition to the twenty-five A Level courses and four Level 3 Vocational courses, we will also endeavour to offer the following qualifications

- Extended Project Qualification an independent research project designed to develop skills essential for university such as research, referencing and critical analysis (equivalent to half an A Level)
- Gold CREST Award a project-based scheme for the STEM subjects (Science; Technology; Engineering; Maths) recognised and respected by universities and employers. Students undertake an independent enquiry-based approach to a scientific process in a real world context

We have excellent Sixth Form teachers who hold the highest of expectations for students and support them to achieve their potential. To ensure our students' succeed, the school has a thorough monitoring system which focuses on commitment to hard work, regular attendance and punctuality to lessons, as well as the quality of completion of homework, coursework and termly assessments. Termly assessments take place so that students understand their current attainment and can receive the necessary support to achieve their goals. We recognise the importance of communicating with parents and do so through regular reports. Parents can also meet with subject staff at the annual Parents' Evening and with pastoral staff at the Sixth Form Success Evening and UCAS Information Evening.

Students have five hours of lessons per subject per week plus study time to work independently and with their peers.



# **Aspirational Opportunities**

We encourage our students to be aspirational and support them to achieve their goals by providing invaluable experiences to inform their career decisions and support the UCAS application process. For example, students benefit from the following

- a week of work experience in the Summer Term of Year 12
- trips to UCAS and career conventions
- Oxford Scholars Programme
- tutoring for preparation to Oxbridge and Medicine and Dentistry
- subject taster sessions at the University of Oxford and the University of Cambridge
- Unifrog a complete destinations platform which helps students find and apply for the best courses for them
- well-developed links to universities through our alumni such as Imperial College
- partnerships with top independent schools such as Eton College and Highgate School
- one-to-one Careers Advice and Guidance
- a full UCAS Programme including an in-house UCAS Day tailored to individuals' needs with over 30 guest speakers in attendance and UCAS Parents Information Evening
- dedicated individual support as part of the UCAS application process
- a broad and varied programme of external speakers as part of our assembly and RSE programme
- · visits to universities, including the University of Oxford and the University of Bath
- a dedicated Futures and Careers Coordinator who helps students to succeed an independant careers advisor
- UpLearn, an online platform which supports you to gain the highest of grades.



### Are you thinking of the EPQ, Law, Medicine and Dentistry or Oxbridge?

#### Scholars' Programme and The 'Super Curriculum'

Our Sixth Form scholars benefit from a full programme of support to ensure they are fully prepared and confident in their Oxbridge applications. This includes

- Eton College Summer School
- The Brilliant Club mentoring sessions for students to experience university learning to help them make an informed decision
- Scholars' Society a weekly meeting where students are challenged in their thinking by our Oxbridge alumni teaching staff. Visitors and speakers from Drayton Manor Oxbridge Alumni prepare for the students' applications and selection process
- tutoring for Oxbridge, Medicine and Law
- opportunities to take part in mentoring schemes, summer schools, webinars, day trips and residential visits run by Russell Group universities and our link Colleges at Oxford and Cambridge
- tailored subject support and guidance
- mock interviews and preparation for university admissions such as BMAT tests.



#### The Extended Project Qualification (EPQ)

The EPQ is a unique opportunity for students to explore beyond their chosen curriculum of Sixth Form study while at the same time developing the knowledge and confidence to take on independent research at university. Students start the EPQ in Year 12 and finish it in Year 13, during which time they will practise such varied skills as

- Planning an extended piece of work
- Research and referenceg
- Time management
- Critical thinking
- Confident presentation skills.



# **Aspirational Opportunities**

#### **Medicine and Dentistry Programme**

Students interested in Medicine and/or Dentistry follow an additional programme which includes:

- a range of guest speakers who are successful in the field
- student-led debates about the developments in medicine and dentistry supported by STEM staff
- support in finding relevant work experience
- a medicine and dentistry handbook
- attending University lectures at King's College and Gresham College
- preparation and tutoring for university admissions interviews
- intensive specialist support for
- university applications
- entry tests (UCAT and BMAT)
- tailored subject support and guidance
- mock interviews and preparation for university admissions tests.

#### Law Programme

Those of you thinking of a career in Law are encouraged to join our Law Society. As part of this you will

- benefit from a range of guest speakers including solicitors, judges and barristers
- take a trip to the Old Bailey and/or the Royal Courts of Justice
- attend a Law networking evening in connection with Highgate Independent School
- participate in student-led debates about current cases and the latest developments in law
- attend lectures at UCL's Centre for Ethics and Law and Gresham College
- receive support in finding relevant work experience and access to our alumni.

# How do we support you to make a flying start?

The transition into Sixth Form can be a daunting one which is why we have a series of induction activities to help you settle in well and get off to a flying start. These include

- Induction day subject-specific work to complete in the holidays to help you confirm it is the right course for you and to get you ready for the A Level mindset
- Induction afternoon where tutor groups complete teambuilding activities and take part in the first of many inter-tutor competitions
- Induction assemblies with key information on everything a student needs to know from how to organise your folders to how to keep on top of your workload
- Study Skills Day run by a specialist organisation called Positively You. Students follow a high-impact programme which prepares them for independent study, note taking, conceptual learning and how to ensure success on Level 3 courses
- Sixth Form Success Evening for parents.

All students attend tutor time every morning from 8.55am to 9.10am. This time is used for PSHE education, the UCAS programme accessing and utilising Unifrog, personalised pastoral support and guidance. Our tutors are experienced Sixth Form teachers and tutors who you will get to know very well over the two years.

Students also have access to additional pastoral support and specialist guidance from external organisations. For example, this could include

- an academic mentoring programme
- weekly counselling support.



# **Enriching Experiences**

The school provides a wide range of extra-curricular and enrichment activities to

- help students discover additional areas of passion and interest
- provide leadership opportunities
- ensure a healthy, well-rounded, balanced education and Sixth Form experience.

### The Enrichment Programme

On Wednesday afternoons all Sixth Formers opt in to a range of over twenty five activities, sports or societies. This helps students to broaden their experiences or dive deeper into their interest. It also provides students with the opportunities to lead and direct the work of society while preparing for university life. Our societies over the last year includes law, STEM, coding, business innovation, yoga, chess, Young Enterprise, Crest Award and Politics Society.

#### The Community Service Programme

Year 12 Students participate in the Community Service Programme which gives them an opportunity to give back to the school or local community and develop important workplace skills. Within school, Sixth Formers may support lower school students in lessons, homework club or as part of the Peer Reading and Mentoring Programme. Opportunities for Community Service in the local community include supporting in a local primary school, conservation at Brent Lodge and community centre.

"The Enrichment Programme gives us a refreshing break from studying... you can choose to join societies which are in total contrast to your studies such as Chess, Debating and Film Review or you can choose ones to enrich your academic studies such as Medicine and Law. The best part is that it is nearly all run by students!"



### The Assembly Programme

Assemblies take place each week and include a range of guest speakers from a variety of backgrounds, such as

- alumni sharing their experiences and career journey
- · charities sharing opportunities and raising awareness
- universities and Gap Year organisations
- ASK Apprenticeship programmes
- · subject lectures led by teaching staff
- · businesses sharing advice and opportunities
- current affairs and Personal, Social, Health and Economic Education by teachers and external organisations and schools such as Wings of Hope, Charity Den and Giving Time.

#### **Student Leadership**

Sixth Form students play a very important leadership role in the school as they are role models they set the example to younger students. There are multiple opportunities for specific student leadership roles including

- · Head and Deputy Head Girl and Boy roles elected by students
- Tutor, Year and School Council Representatives elected by students
- · Society Prefects who run Wednesday Enrichment Activities
- Faculty, Welfare, Community and Learning Ambassadors who support school-wide developments.

In addition to the above subject areas we also run a range of residential and day trips to support academic study.

# **Academic Courses**

For our 2025-2027 cohort we intend to offer the following courses. Please note these courses may be subject to change.

1

Applied General in Applied Science (Vocational) Applied General in Business (Vocational) Applied General in IT (Vocational) Art and Design Biology Chemistry **Computer Science** Design and Technology (Product Design) Drama **Economics English Language and Literature English Literature** French **Further Maths** Geography German **Government and Politics** History Latin Mathematics **Media Studies** Philosophy and Ethics (Religious Studies) Photography **Physical Education Physics** Psychology Sociology

Spanish

# **The Application Process**

Open Evening	17 October 2024 from 5.00pm to 7.00pm
Apply online	Applications open after Open Evening and close on 5 December 2024 Applications should be supported by a reference
Attend a	Spring Term
Guidance	Receive advice on your application and
Meeting	programme of study
Attend	Summer Term
Induction	Attend taster lessons and make sure you're
Day	happy with your choices
Accept offer	Receive your GCSE results
and enrol	Come and enrol!

Universities and employers highly value the EPQ, to the extent that many universities give reduced offers to students who successfully complete the qualification to a high standard.

### **Further Information**

Please find further details on our website about:

- Courses
- Admission to Sixth Form
- Choosing an appropriate Study Programme
- Academic criteria
- EPQ
- Inclusion Faculty
- What you can expect from the Sixth Form
- Bursary

### Partnerships, trips and visitors

- Arrival Programme (Financial confidence and understanding workshops with Goldman Sachs)
- Ashurst Access to Law
- AVS Foundation rewarding student for ambition, character and civic virtue
- Brilliant Club Join the Dots PHD led workshop for academic writing
- Charity Den (KICK) Charitable project
- Crest Award (British Science Association Scheme for
- STEM project work)
- Eton Summer School
- Giving Time Volunteer and Student Leadership
- Coaching
- Highgate Summer School
- KCL+ (King's College London's widening participation project)
- Lucy Cavendish (Cambridge University) Academic
- Attainment Programme
- Medic Mind (support with medical applications)
- OxBridge Tutors Tutoring for Oxford and Cambridge applications and interviews
- Oxford UNIQ support for Oxford University applications
- Speakers for school events: David Dein, Tom Toumazis, Clare Balding, Kamel Ahmed
- Springpod online work experience
- St John's Inspire Programme
- UCAS Discovery Day visit to the UCAS exhibition to see every university represented under one roof
- UniFrog online platform to explore the world of university and how to get there
- Unifrog university application support
- University of Bath Summer School
- University of Nottingham Summer School
- University partnerships (Bath, Brunel, Birmingham,
- Durham, Exeter, Lancaster)
- UpLearn Academic Intervention for Chemistry
- Biology, Physics, Maths, Economics and Psychology
- Wings of Hope (WOHAA) Social enterprise Programme.

There is an exciting mix of visiting universities throughout your time at Sixth Form. Recently, we have hosted the University of Exeter, Durham, Bath, Brunel, Hertfordshire and the prestigious Harvard.



### **DRAYTON MANOR HIGH SCHOOL**

Drayton Bridge Road, London W7 1EU