

100

Millfield's Top 100 Academics



MILLFIELD

DISCOVER BRILLIANCE

“Millfield’s Top 100 Academics attain grades which compare extremely well with highly selective schools.”



Distinguishing between our top-performing 100 students, and the whole year group at Year 11 and Sixth Form, provides the important recognition that our highest achieving students attain grades which compare extremely well with highly selective schools, many of which only have 100 students in their Upper Sixth. With an abundance of opportunities for intellectual development, including our Brilliance Curriculum which links subjects together to aid understanding, our students are continuously supported with an academic programme that creates curiosity and challenges them in the classroom, developing skills beyond those needed simply for exam success.

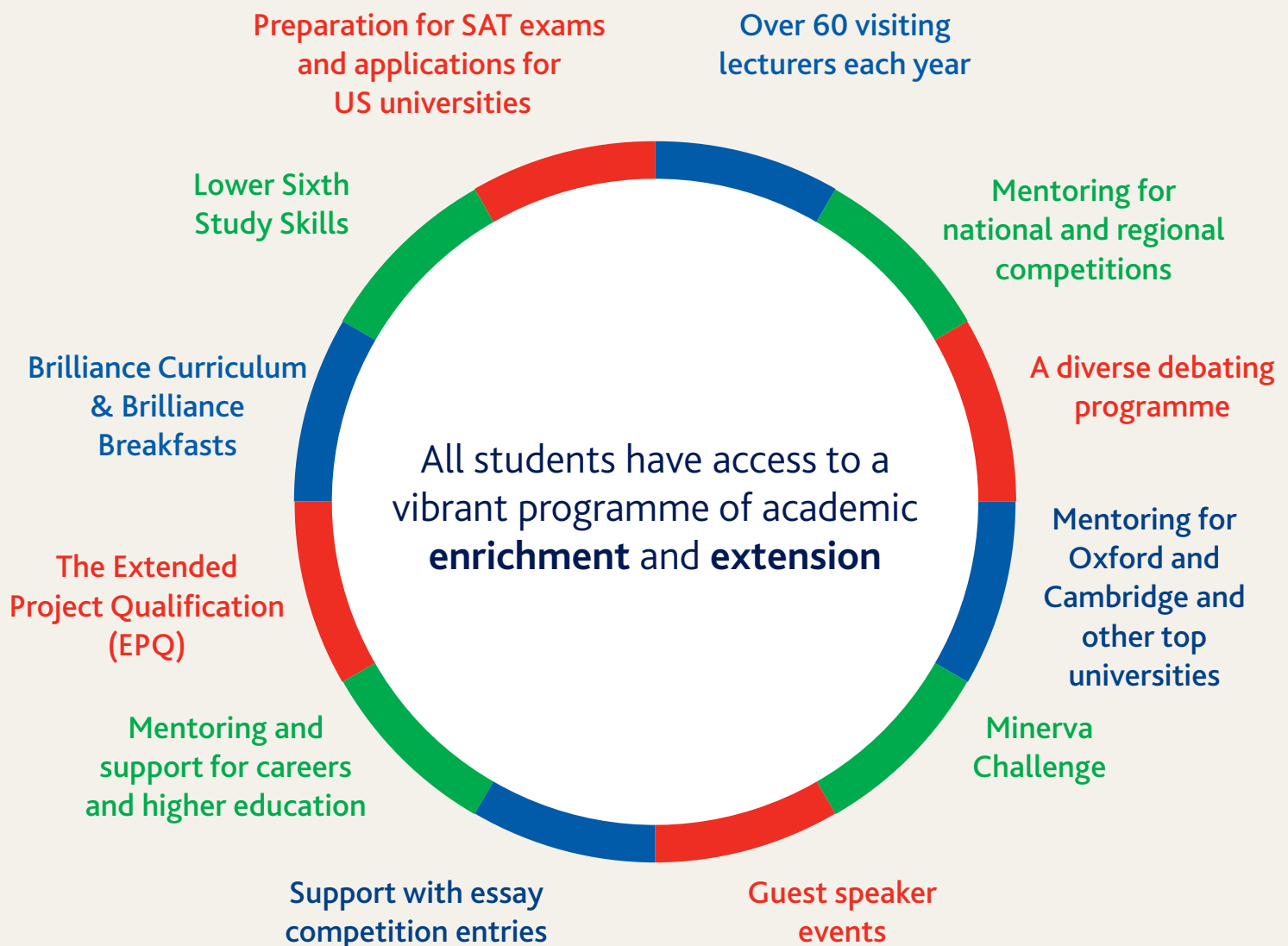
Established in 1935, Millfield has evolved to become one of the largest co-educational boarding and day schools in the UK with 1300 students. Millfield welcomes young people from all backgrounds and over 70 nationalities, known as the ‘Millfield Mix’. The school offers an unrivalled breadth of opportunity, which enables the individual to develop their authentic self and Discover their Brilliance. Although renowned for outstanding facilities, sport and remarkable talent, Millfield also shapes shining academics and artists.

I invite you to read the experiences from a selection of our Top 100 academic students, who share their Millfield Story and how it has helped them achieve their ambition.

A handwritten signature in blue ink, which appears to read 'Gavin Horgan'.

Gavin Horgan, Headmaster

Our Academic Enrichment Programme



We take every opportunity to ensure that students of all abilities are stretched through a range of academic enrichment opportunities.

For Years 9-11 a vibrant range of opportunities are offered by each department. Some examples include the Maths Society, Science Club, Millfield Writers, the Year 10 Enterprise competition, Computer Programming Club, the Festival of Languages, the Year 11 Physics Challenge and the Debating Society.

In Sixth Form, students are encouraged and supported to complete an Extended Project Qualification (EPQ). This qualification is highly respected by top universities as it introduces the students to research skills and to sources of

information and opinion that they might not ordinarily encounter in the course of their studies. The EPQ also allows them to develop a range of skills that will prepare them well for university life and to begin to explore a particular area of specialisation.

The Minerva Lecture Series consists of lectures and events hosted by academic departments. These are all designed to inspire curiosity and a spirit of enquiry by exposing students to material that is quite distinct from the taught curriculum.

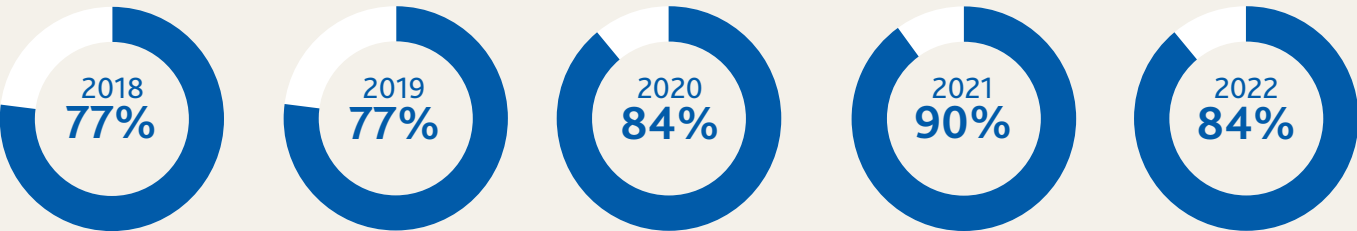
We support students in a large number of external competitions, including Olympiads in Mathematics, Physics, Chemistry, Linguistics and Informatics, the Intermediate and Senior Mathematics Challenges, the Millfield Maths Challenge,

the Naval Engineering Challenge, the English Speaking Union Public Speaking competition, European Youth Parliament, Model United Nations, Bank of England Target 2.0, the Omnibus Translation Competition, and essay prizes offered by Oxford and Cambridge colleges. We also run a rich programme of trips to performances, exhibitions, lectures, and debates.

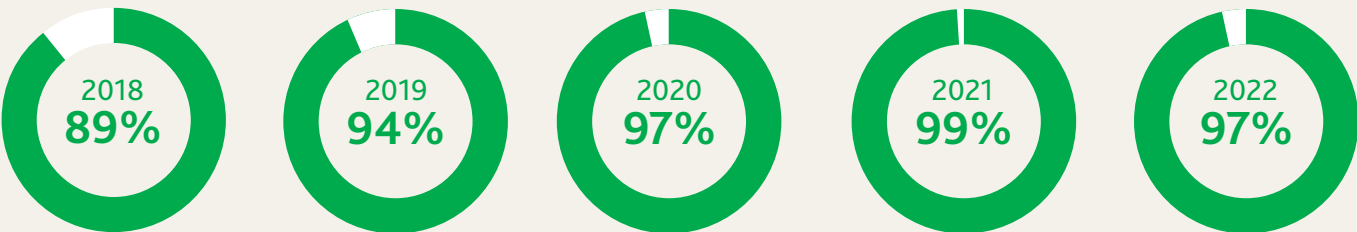
Preparation for applications to Oxford, Cambridge and other competitive universities starts the moment a student arrives at Millfield. Every aspect of our curriculum is designed to stretch and challenge and prepare them for the rigours of the process, with tailored support for each application.

Our Results

GCSE RESULTS (9-7): TOP 100 STUDENTS

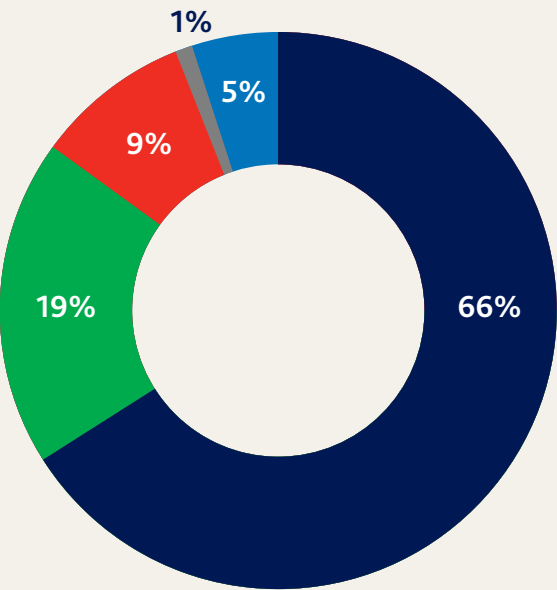


A LEVEL OR EQUIVALENT RESULTS (A*-B): TOP 100 STUDENTS



Universities

In 2022 95% of the Top 100 leavers successfully gained a place at university with 5% choosing to take a gap year and make a post-results application. 9% of students were awarded places at top ranked US universities including University of Chicago, Columbia University and UCLA.



UPPER SIXTH TOP 100 LEAVERS – 2022

- Russell Group or Top 30 universities*
- Other UK universities
- US and overseas universities
- Art Foundation
- Gap year/post-results applications

*In addition to the Russell Group of universities, The Times top 30 (2022) includes other selective universities. Students most popular choices include University of Exeter, University of Bath, Loughborough, Durham University, Cardiff University and King's College London.



Top 100 Academics

GCSEs

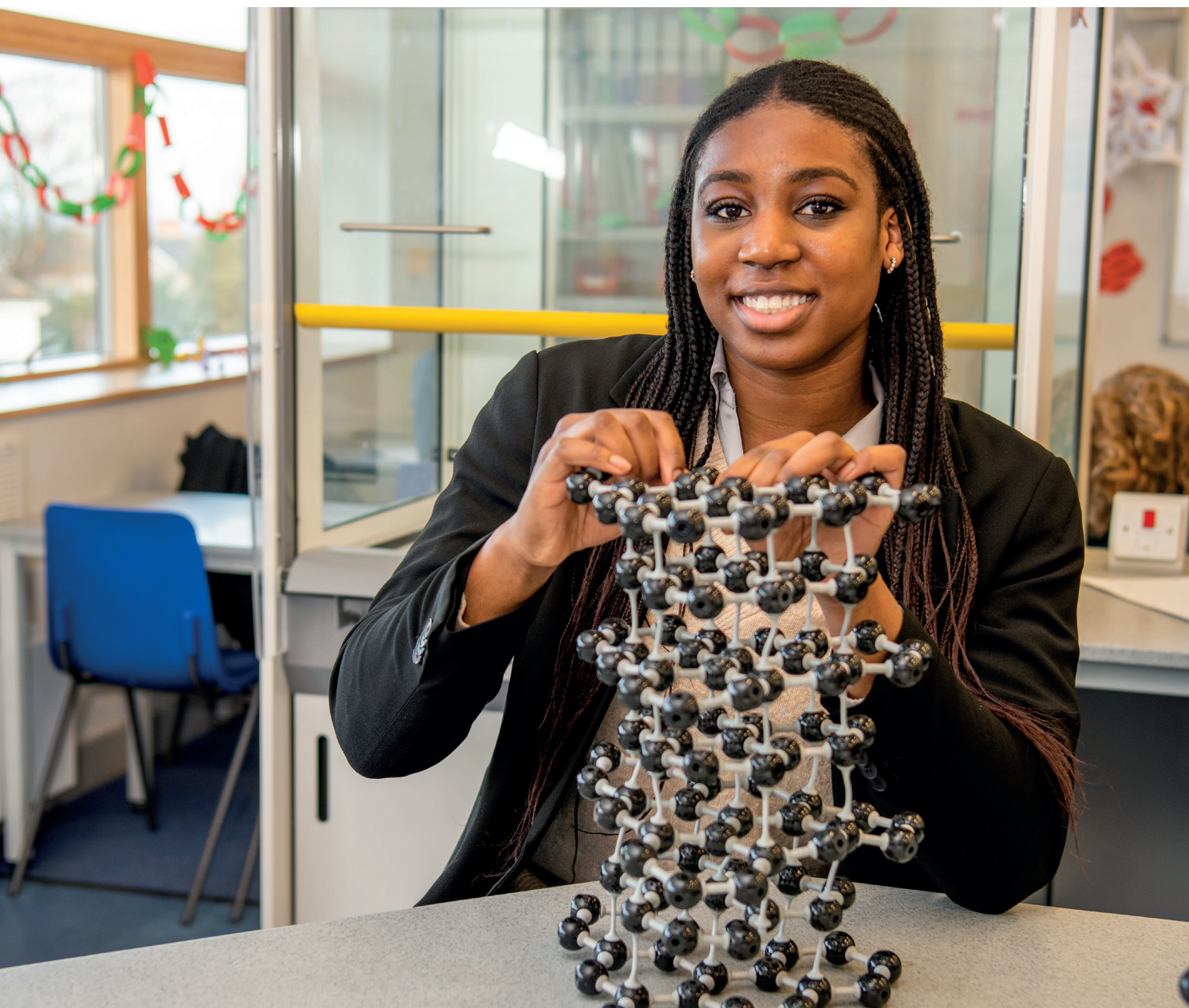
Chichi Okafor

Combined Science (9-9)
English Language (9)
English Literature (9)
Additional Mathematics (B)
French (9)
Latin (9)
Economics (9)
Religious Studies (9)

I joined Millfield in Year 9, and initially, like most, I was very nervous about joining. However, from the very first day I arrived, I've loved every second of my time here. Teachers at Millfield have always gone above and beyond to help me achieve my best, from being encouraged to enter academic competitions, such as the Mathematical Olympiad for Girls, to being given extra articles and books to read around the subjects I study. I'm doing Biology, Chemistry and Maths for A levels, and I plan to study medicine at university. As a future medical student, I'm very appreciative of having the help of specialist teachers within Millfield's

excellent medics and veterinarians' programme.

I've enjoyed a wide range of activities. Although I joined as a swimmer, I've been able to participate in many other sports such as netball and tennis. I've also discovered my passion for singing and have recently joined Camerata, the best school choir.



James Champion

Combined Science (9-9)
English Literature (9)
English Language (9)
Mathematics (9)
Additional Mathematics (A)
French (9)
Economics (9)
Geography (9)
Physical Education (9)

I have been at Millfield since Year 5, having a wonderful time enjoying all the opportunities at Millfield Prep, before moving on to Millfield in Year 9.

My academic experience at Millfield has been extremely positive, as my studies have been massively supported by my teachers. I have enjoyed the comprehensive support across all my GCSE subjects, with teachers being approachable and supportive, and encouraging me to reach my full potential. I am studying Maths, Economics and French for A level, and I am looking forward to pushing myself further with my academic studies.

On top of academics, I have also loved doing lots of co-curricular activities, while also playing a variety of sport and making the most of the many opportunities that Millfield provides outside of the classroom such as academic lectures from external Professors. I am currently in the golf and tennis squad, while also representing Millfield in the 1st XI Hockey team.

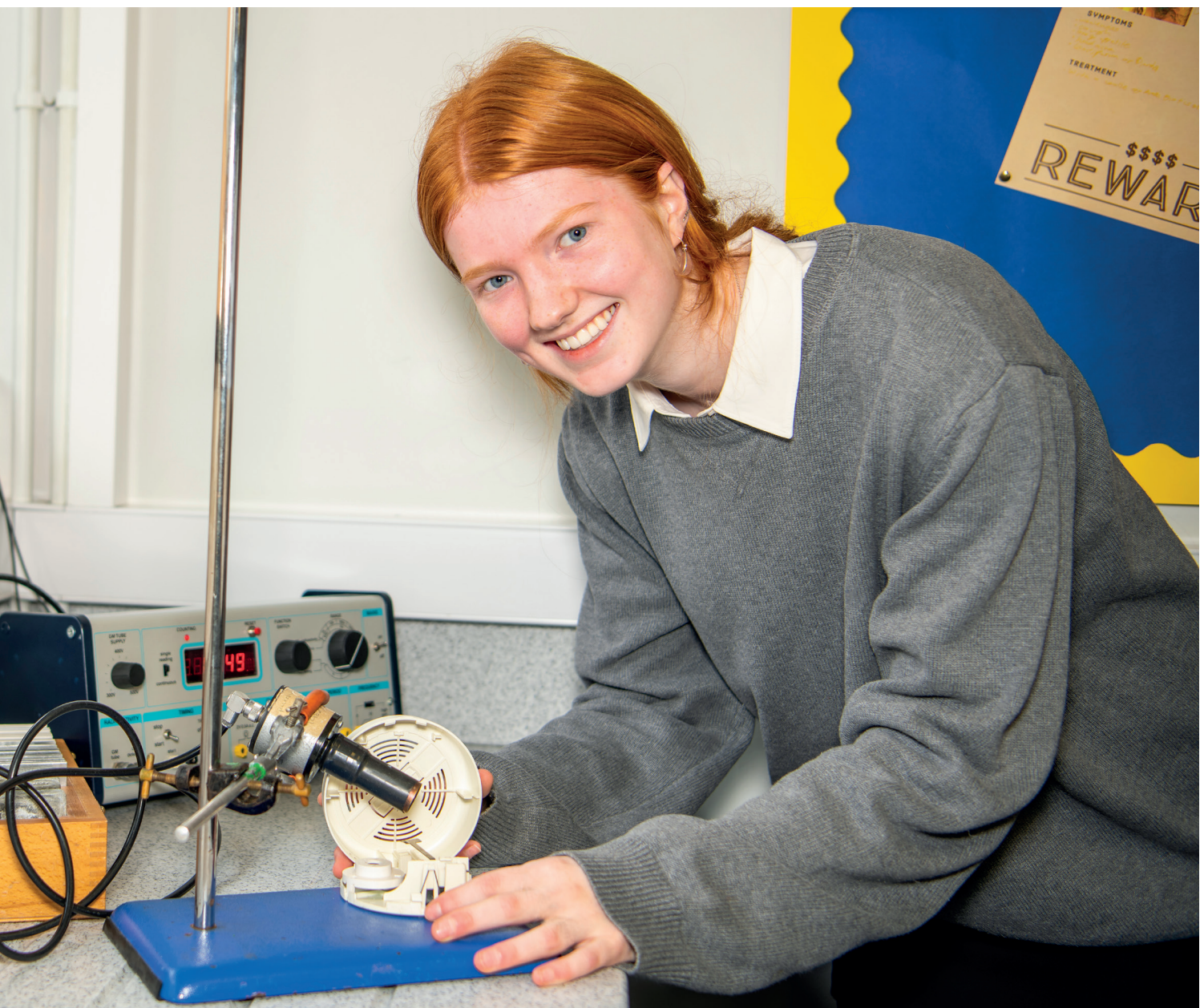


Anna Townsend

Biology (9)
Chemistry (9)
Physics (9)
English Literature (9)
English Language (9)
Additional Mathematics (A)
French (9)
Latin (9)
Geography (9)

I joined Millfield as a Year 9 boarder on a scholarship. With the help of my housemistress, teachers and coaches I have developed excellent time management so I can embrace as many opportunities as possible. I have been able to balance my A level subjects of Mathematics, Further Mathematics, Physics and Chemistry with playing county netball, tennis and cricket. More recently I have been able to play in the 1st XI cricket team whilst simultaneously achieving awards in both the Mathematics and Physics Olympiads. The expertise and enthusiasm with which Millfield staff teach their subjects has helped me

to develop a passion for all my subjects. As a Lower Sixth student we are already beginning to prepare for life beyond Millfield and the Futures department talks have helped me identify engineering as a potential subject to study at university.



Top 100 Academics A levels

Will Catto

Art A*
English Literature A*
Psychology A*

Having previously studied in Singapore, the transition to Millfield was incredibly smooth thanks to its international and diverse community, as well as the wealth of opportunities it has to offer. Alongside my academic studies, I was lucky enough to be a member of the prefect team, volunteer at the local primary school, and pursue my passion for graphic design using the school's exceptional Arts facilities. With the support of my teachers, I was able to balance academic studies with co-curricular activities, and to develop a strong work ethic with keen organisational and time-management skills; attributes essential to studying at university and beyond.

By undertaking an Extended Project Qualification, offered by Millfield's unique Academic Enrichment Programme, I was able to research subject areas outside of the traditional A level syllabus, looking at the contemporary design provisions available for children with autism.

I have accepted an offer to read Psychology at the University of Bristol.





Emily Paterson

Biology A*
Chemistry A*
French A*

Throughout my five years at Millfield, I have been helped to juggle my academics, music and sport so I could continue all three at a high level. Millfield helps to broaden a student's horizons. The coaches and teachers taught me not only to excel in but to love what I was doing. The opportunities were extensive, from sports trials, international tours, prestigious world-renowned concert venues, specialist academic support and more. Since the day I voiced my ambition to study medicine, I was given guidance to help with entrance exams, interviews and the whole process of applying. I was encouraged to be curious, to stretch myself beyond my A level subjects in both sciences and languages. Millfield fuelled me to work hard and to pursue my goals. I am going to study medicine at Oxford University after a gap year, during which I aim to attain fluency in Spanish and French.

Reshma Rao

English Literature A*

History A

Spanish A*

I joined Millfield in Sixth Form and I am so grateful for the incredible two years.

As a triple scholar, I was fortunate enough to be heavily involved in our drama and music performances, the Brilliance programme and the girls' football team, alongside my A levels in English, Spanish and History. Millfield allowed me to pursue all of these ambitions to the best of my ability but most importantly, provided me with an unbelievable support team who ensured that I enjoyed every single moment at school. I believe Millfield stands out because of the niche roles that staff members have within

academic extension and the Futures department. There were specific teachers who aided me in different areas of the university application process and I am so thankful for their guidance. I will be attending University College London to study History and Spanish with a hope of pursuing law or journalism in the future.





Meet some of our Academic Staff

Alexandra Haydon

MSc Oxon

Deputy Head (Academic)

Alexandra Haydon graduated from the University of Durham with a degree in Zoology. After three years in pharmaceutical market research she moved into teaching, completing her PGCE at the University of Oxford before taking her first teaching job at a large, high-performing state school in South London. Following ten years in the state sector, teaching at high-performing schools in both London and Bristol and completing an MSc in Learning and Teaching at the University of Oxford,

Alexandra moved into the independent sector as Head of Science and, latterly, as Senior Teacher at St Mary's Calne. In 2019 she won the i25, an award which celebrates innovation and excellence in the independent sector, and she is currently working towards a part-time doctorate in education. Alexandra moved to Millfield in September 2019 and is particularly interested in the development of an inspiring curriculum that fosters high levels of intellectual curiosity in all Millfield students.

Lily Noall

MRes Exeter
Head of Academic Culture

Lily Noall holds an MRes in Politics from the University of Exeter and is currently studying towards an MSc at the University of Oxford in Learning and Teaching. Prior to her school teaching career, Lily worked with schools across the UK, educating students on the significance of the United Nations and fostering public speaking and debating skills. She coached a number of schools to success at international competitions. After pursuing her teacher training, Lily worked in the state-sector in Hertfordshire, where she became the Head of Politics and Civic Engagement. After joining Millfield in 2019 as Head of Politics, she became the Head of EPQ, building the programme during lockdown and is now the Head of Academic Culture where she will build a broad culture of academic enrichment accessible for all students, driving curiosity, intellectual disruption and brilliance.



Dr Adam Gutteridge

MPhil, PhD Cantab
Assistant Head (Academic)

Adam Gutteridge has an MPhil and a PhD from the University of Cambridge, and a First Class undergraduate degree from the University of Durham. He has worked at universities in three countries, principally teaching and researching on the material culture of the late Roman period, but he has also spent time as a field archaeologist. Subsequently, he worked across a range of educational settings, teaching in schools, rehabilitation facilities, homeless shelters and working with vulnerable young people in areas surrounding addiction. He joined Millfield from Worksop College, where he was Deputy Head Academic. Adam has been Assistant Head (Academic) at Millfield since September 2020, and his role is to ensure that our classroom teaching remains innovative, rigorous and challenges the capabilities of all our students.





Dr Ceri Fiddes

Head of Mathematics

Dr Ceri Fiddes graduated from the University of Oxford with a First Class degree in Mathematics. Whilst completing a PhD in Abstract Algebra at the University of Bath she became involved with training the UK Maths Team. This developed her interest in education, with a particular focus on ensuring the needs of academically able students are met. Ceri has been a trustee of the UK Maths Trust, a member of the British Mathematical Olympiad subtrust, Deputy Leader of the UK International Mathematical Olympiad team and was the Director of the inaugural European Girls' Mathematical Olympiad in 2012. She is currently director of IMO 2024, making preparations to host teams of students from up to 120 countries in the UK in July 2024. Ceri was Head of Mathematics at Stowe School before joining Millfield in 2008 as Head of Maths. She became Assistant Head (Academic) for 6 years before returning to Mathematics as head of the department in 2020.

Kirsty Barry

Director of Music

Kirsty Barry was educated at St Anne's College, Oxford. She leads a rich musical life, mixing an established career in music education with one in performance. Her interests lie in innovative project work, bringing together professional musicians, children, students, and the wider community for large collaborative performances of works, often by living composers. With a background also in dance, her approach to performances results in concerts and events that evolve from diverse teams within the creative arts. Kirsty has worked in both state and independent schools in the South West for over 25 years, where her original and ambitious approach to learning and performing has been very well received and commended by audiences. Whilst at St Anne's College, Oxford, Kirsty studied with Jean Anderson FRAM. She is also a multi-instrumentalist, an experienced choral singer-conductor and now Director of Music at Millfield School.



Jancis Weal

BSc Bristol
Teacher of Biology

Jancis Weal graduated from the University of Bristol with a BSc in Veterinary Pathogenesis and then went on to do her PGCE at the University of Oxford. She joined Millfield as a Biology Teacher in 2008 and has since held a number of roles across both the academic and pastoral sides of the school. Jancis continues to enjoy the challenge of promoting academic brilliance within our uniquely busy environment, having introduced weekly Brilliance Breakfasts during which students present an indepth review of a topic of their choice to their peers, and overhauled the Medics, Vets and Dentists programme which provides community outreach through our collaboration with a local state college.



John Hudson

BA Cantab
Head of Physics

John Hudson graduated from Cambridge University with a degree in Natural Science. He worked for two years in the pharmaceutical industry before taking a PGCE at Bristol University in 2003. John taught at the Green School in Isleworth and as Head of Science at Burnham Grammar School before coming to Millfield in 2016. He has won several teaching awards over the years: Microsoft Innovative Teacher in Paris for his competitive classroom games, runner up TES Resource Author of the Year, and silver medal at the O2learn awards for his timelapse naked eye astronomy video. Over the past two years John has been experimenting with interactive ebooks to enhance questioning, particularly in the remote classroom. A highlight of John's school year at Millfield is using liquid nitrogen to make ice-cream, and making dustbins explode during national science week.



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