



# Blundell's

FOUNDED 1604



## IMPACT REPORT

ECONOMIC

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SOCIETAL

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ENVIRONMENTAL

2022/23

BLUNDELL'S IS MORE THAN JUST A SCHOOL. TO OUR PUPILS WE ARE A WELCOMING AND SAFE ENVIRONMENT IN WHICH TO LEARN AND DEVELOP; TO OUR STAFF WE ARE A HAPPY PLACE TO WORK IN WHICH EVERYONE IS RESPECTED REGARDLESS OF POSITION. OUR VERY EXISTENCE REPRESENTS A **SIGNIFICANT CONTRIBUTION** TO THE NATIONAL AND LOCAL ECONOMY. WE ARE MINDFUL OF OUR PLACE IN THE **WIDER COMMUNITY** AND THE RESPONSIBILITY WE HOLD AS A SIGNIFICANT PROVIDER OF JOBS IN THE AREA. THROUGH OUR BURSARIES AND SCHOLARSHIPS WE PROVIDE OPPORTUNITIES TO PUPILS OF LIMITED FINANCIAL MEANS TO EXPERIENCE A BLUNDELL'S EDUCATION. WE ARE COMMITTED TO DRIVING FORWARD **GREEN INITIATIVES** THAT HAVE ALREADY SIGNIFICANTLY REDUCED OUR ENERGY COSTS AND IMPACT ON THE ENVIRONMENT.

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IMPACT

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OUR ENVIRONMENTAL  
IMPACT

# CHAIRMAN'S REPORT

Welcome to this, the first Blundell's Impact Report. We have been discussing producing this report for some time now as we are very keen to showcase to our community a number of aspects of our work which tend to fly below the radar.

We have included a summary of the academic performance of the School which many readers will be well aware of. 2023 was a record year for A level results. We are proud that 85 of our pupils received Bursary support in the year worth £858,000 in total.

The report highlights the outstanding group of volunteers who act as Governors. Their responsibility is considerable as they are charged with supporting the Head, Bart Wielenga, in shaping the strategic direction of the School and, specifically, with overseeing the legal and regulatory compliance of the School. I am extremely grateful to them for the time they give so willingly to supporting the success of the School.

We look at the important Economic Impact of the School in both the local and national context. In particular we highlight the number of people who are employed directly or indirectly by the School; we are a major local employer. We also highlight the value of savings to the UK taxpayer from pupils who attend Blundell's who would otherwise be entitled to a free UK state school place. These are relevant in the context of the current political debate about the value of independent schools.

We have summarised the financial performance of the School in 2022/23. The results are satisfactory and we have done our best to balance the upward pressure on fees that our parents bear with the need to properly remunerate our staff and continue to invest in our campus. It is pleasing that we have made progress in the year with generating new revenues from securing external letting income during the long summer vacation.

Our margins remain very slim, however, so we are well aware that the current political debate may place constraints on how we operate in the future.

The report moves on to look at three very important aspects of our work and how we interact with the local and wider community. First, our Director of Community Partnerships, Charlie Olive, summarises the many ways in which our pupils and staff engage locally, nationally and, sometimes, internationally with the world outside school. We are proud of the difference we make supporting local schools and charities.

The work of the Development Office is highlighted in the report from our Director of Development, Ben Boswell. The main focus of this work is to garner the support of all members of the Blundell's community to the provision of bursaries for deserving children who might otherwise be unable to attend the School. The Office also plays a pivotal role as the focus for all members of the community to maintain links with the School.

Finally, we look at the efforts we are making as a school to reduce our environmental impact whilst, at the same time, enhancing the facilities we offer. The report by Ian Barnes, Chief Operating Officer, highlights what has been achieved so far, as well as illustrating the developments that have taken place on our wonderful campus in recent years. Working in conjunction with the recently established Sustainability Committee we can look forward to more progress.

I hope that you find this report useful and informative. We would welcome any feedback you may have on the contents – please email any comments to me at [impact@blundells.org](mailto:impact@blundells.org). We are proud of the contribution Blundell's makes to the education of young people and are committed to building on the achievements this report highlights.



Mr N.P. Hall, MA FCA  
CHAIR OF GOVERNORS



# ABOUT OUR SCHOOL

## OUR YEAR IN NUMBERS 2022-23

### PUPIL NUMBERS

#### SENIOR SCHOOL

	DAY	BOARDING (INC FLEXI)	TOTAL
SIXTH FORM	38	155	193
YEARS 9 -11	120	188	308
YEARS 7 - 8	91	34	125
	<b>249</b>	<b>377</b>	<b>626</b>

#### PREP SCHOOL

	DAY	TOTAL
PREP	146	146
PRE-PREP	120	120
	<b>266</b>	<b>266</b>
	<b>515</b>	<b>892</b>

### OUR BUILDINGS AND FACILITIES

# 110

ACRES OF GROUNDS

# 65

BUILDINGS

350,017 SQ FT

# 12.5

ACRES OF MAIN SPORTS FIELDS

# £858K

MEANS TESTED BURSARY SUPPORT



# FOR 86 PUPILS

Full value of bursaries £858,573

### ACADEMIC RESULTS



#### A LEVEL

PASS	100%
A*-A	56%
A*-B	80%

#### VALUE ADDED

0.5 A GRADE PER A LEVEL HIGHER THAN THE AVERAGE FOR AN INDEPENDENT SCHOOL

#### GCSE

PASS	97%
9-8	30%
9-7	49%

#### VALUE ADDED

0.4 OF A GRADE PER GCSE HIGHER THAN THE AVERAGE FOR AN INDEPENDENT SCHOOL



OVER **90%** OF PUPILS GAIN A PLACE AT THEIR UNIVERSITY OF CHOICE

# 96

INTERNATIONAL PUPILS







# BLUNDELL'S GOVERNORS

## THE ROLE OF GOVERNORS

AT BLUNDELL'S WE HAVE THE BENEFIT OF AN EXTREMELY EXPERIENCED, DEDICATED AND ENTHUSIASTIC BOARD OF GOVERNORS WHO SHAPE OUR STRATEGIC DIRECTION, MAINTAIN STANDARDS AND OVERSEE OUR LEGAL AND REGULATORY COMPLIANCE.



**Mr N.P. Hall, MA FCA**  
CHAIR OF GOVERNORS

A chartered accountant, educated at The Haberdashers' Aske's School and Fitzwilliam College, Cambridge, Nigel was the Finance Director of Arcadia Group PLC. He has since pursued a portfolio career as a non-executive director of several public and private companies. Nigel lives locally and has two grandchildren at Blundell's Preparatory School.



**Rt Rev'd N. McKinnel**  
VICE CHAIR OF GOVERNORS

Nick studied Law at Cambridge and Theology at Oxford, before ordination in 1980. Bishop of Plymouth until 2022, Nick has been a governor and trustee of schools and charities for over 30 years. He is Chancellor of the University of St Mark & St John, Plymouth and High Sheriff of Devon.



**Mr G.L. Howe, FCA CTA**  
CHAIR OF THE FINANCE & GENERAL PURPOSES COMMITTEE

An Old Blundellian and chartered accountant, Graham was a partner with South-West accountants Bishop Fleming before joining the board of The Pavey Group as Finance Director. He has served as a trustee of the Devon Community Foundation and the Church House Charity, and his son was educated at Blundell's.



**Mrs J.M.A. Mannix, MA**  
CHAIR OF THE EDUCATION COMMITTEE

An Old Blundellian, Jessica has worked at the University of Oxford since 2005 and has been Director of the Margaret Thatcher Scholarship Trust at Somerville College since its foundation in 2013. She has lived in South America and South Africa and worked in the charity sector with Oxfam and the NSPCC.



**Dr A. Smith BSc MB ChB DCH DRCOG MRCP**  
CHAIR OF GOVERNANCE COMMITTEE AND SPECIAL EDUCATIONAL NEEDS AND DISABILITIES GOVERNOR

Former Executive Medical Director at Southwestern Ambulance NHS Foundation Trust and highly experienced in emergency medicine and medical leadership, Andy was a General Practitioner for 23 years and now lectures at the University of Exeter Medical School. He continues to volunteer as a first responder for medical emergencies. Andy's two children were educated at Blundell's.



**Mr R.W. Thane, BA**  
CHAIR OF THE BLUNDELL'S PREPARATORY SCHOOL COMMITTEE  
LEAD SAFEGUARDING GOVERNOR

Formerly Second Master at Blundell's, Randall has a PGCE from Downing College, Cambridge and has worked for the Boarding Schools' Association, the HMC Deputy Heads' Committee and as an Independent Schools Inspector. Since leaving Blundell's in 2012 he has worked as a Quality Assurance Officer, visiting schools to support new teachers and their mentors.



**Dr S. Ansell, BM BCh MA FRCGP**  
BOARDING GOVERNOR

Sarah is a General Practitioner and Medical Educationalist, educated at both Oxford and Cambridge. In 2020 Sarah was appointed Head of the Peninsula School of Primary Care, overseeing post-graduate education for doctors, nurses, paramedics and pharmacists who are training to work in NHS General Practice. Her three children were educated at Blundell's.



**Ms A. Crosse, LLB**

An Old Blundellian and lawyer, Anna is General Counsel for Vorboss Limited, one of the fastest growing tech companies in the UK. Previously, she advised businesses globally at Johnson Matthey PLC, a FTSE 100 science and chemicals company specialising in sustainable technologies. Anna's two children attend Blundell's Preparatory School.



**Mr N.J. Cryer, BEng (Hons), MCIBSE**

A chartered engineer, founder of property and construction company Berkeley Place and former board member of WSP Group PLC, Nick has over 30 years' experience of consulting, commercial development, innovation and VC investment in this industry. Nick is a trustee of various charitable institutions, supporting their property and investment decision processes.



**Mr M. Huntingford, ACA BSc  
HEALTH AND SAFETY GOVERNOR**

Chair of a regional not-for-profit energy consultancy, Michael has worked within the offshore wind energy sector in the UK since 2001 and spent six years developing a large-scale agribusiness in Zambia. Michael was educated at The King's School, Ottery St Mary and Aberystwyth University and his three children were educated at Blundell's.



**Mrs D.L. Rees, BA Joint Hons,  
CPE/Dip Law  
DEPUTY SAFEGUARDING GOVERNOR**

A practising Barrister, member of Lincoln's Inn, Daya is in Chambers in Exeter and specialises in Children and Family Law. Daya was educated at Taunton School, University College London and The City University. Daya's two children were both educated at Blundell's.



**Mr M.J. Lovett, BA (Ed) Hons  
EYFS GOVERNOR**

A former Headmaster of three preparatory schools with considerable experience teaching overseas also, Matthew serves as an educational consultant and reporting inspector for the Independent Schools Inspectorate. He delivers training for preparatory school teachers, leads a development programme for future school leaders and oversees the Early Years Foundation Stage at Blundell's.



**Mr I.R.G. Thomas,  
BA AFPS, CFP  
CHAIR OF INVESTMENT COMMITTEE**

A Chartered Wealth Manager, educated at Universität Düsseldorf and the University of York, Ian has spent most of his career at large financial services companies including AXA, Fidelity Investments and JP Morgan. He is co-founder of a pension and employee benefit consultancy, which operates primarily in the independent schools' sector.



**Mrs J.S. Thomson,  
BA (QTS), MBA, FRSA**

Head of Clayesmore School in Dorset, Jo is a passionate educationalist whose career has taken her into roles as an English teacher, Head of Games, boarding Housemistress and Deputy Head at a number of independent schools including Repton Prep School, Aiglon College in Switzerland and Christ's Hospital School in Horsham.



**Professor M.E. Wood, BA MA  
DPhil**

A Chartered Chemist and Fellow of the Royal Society of Chemistry, Mark was educated at Balliol College Oxford and appointed as a 'GlaxoWellcome Fellow and Tutor in Organic Chemistry' by Dyson Perrins Laboratory and St Catherine's College Oxford, where he was a governor for six years. He is an Associate Professor in Organic Chemistry at Exeter University.



# ECONOMIC IMPACT

## OUR IMPACT ON THE NATIONAL ECONOMY

# GDP

CONTRIBUTION

# £29.0m

to UK GDP



# £16.9m

to Local GDP

This number represents the payments of salaries, employers' taxes, rates and pensions together with spend in the local economy of Tiverton and surrounding areas (itemised separately) and the resultant spend of our staff, all of who are based locally to the School.

**Source:** Independent Schools Council Economic Impact Calculator based on the model produced by Oxford Economics.

# £8.4m



# UK TAX PAID

This represents the total of all Local and Central Government taxes paid in the year such as National Insurance, Income Tax and Fuel Duty (from our minibuses). This figure also includes the taxes (such as VAT) incurred within the supply chain and wider community thanks to the spend of the School and its staff.

# £5.2m

# SAVINGS TO THE UK TAXPAYER IN SCHOOL PLACES



The total savings generated for the UK taxpayer, as a result of attendance at our School by pupils who could otherwise take up a free UK state school place.

# 756

# PUPILS WHO WOULD OTHERWISE BE ENTITLED TO A FREE STATE SCHOOL PLACE

# JOB

Blundell's employs nearly 400 people across a wide range of jobs, teachers, gardeners, caterers, nurses to name a few, added to which are the jobs our spending supports, much of which is local to the Tiverton area.



# 393

# DIRECTLY EMPLOYED

# 467

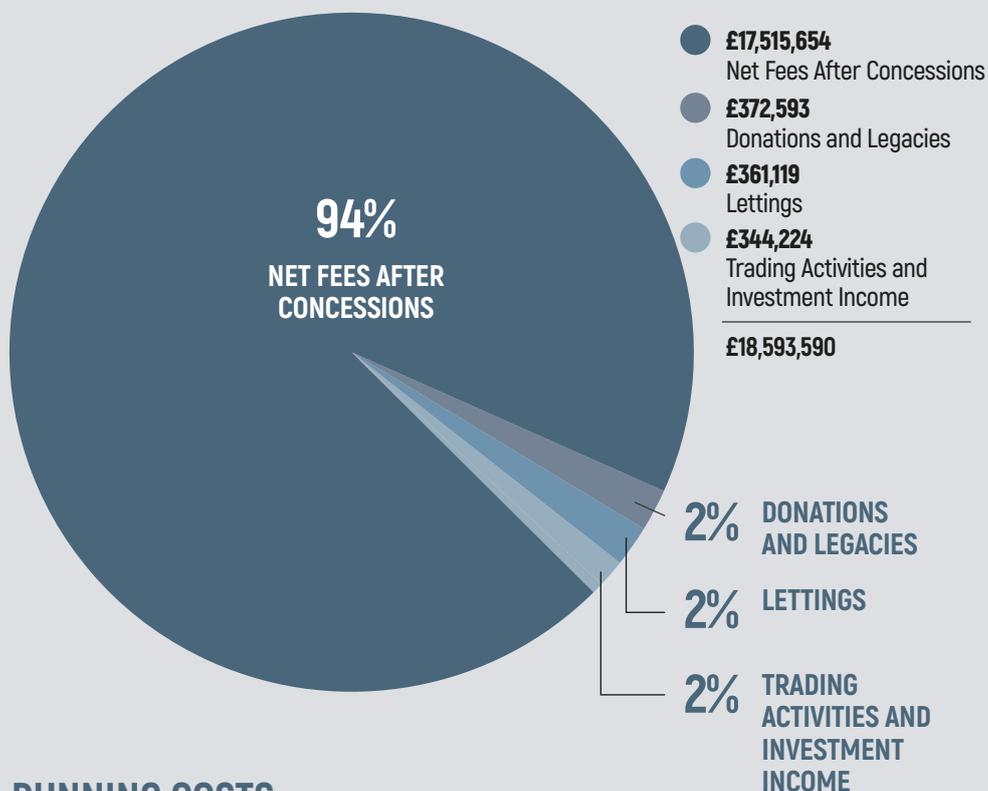
# LOCAL JOBS SUPPORTED

# 687

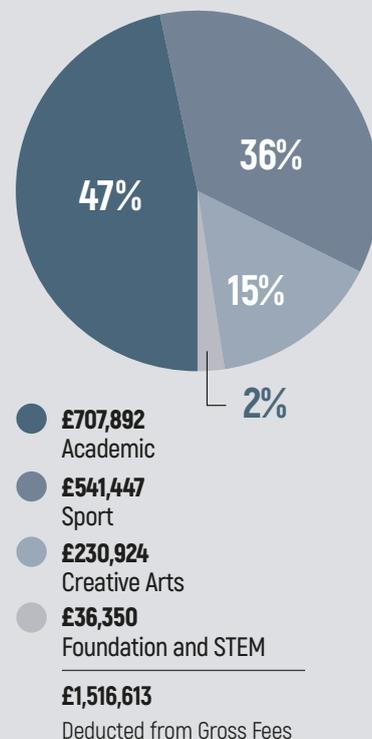
# UK JOBS SUPPORTED

# HOW WE SPENT OUR MONEY 2022-23

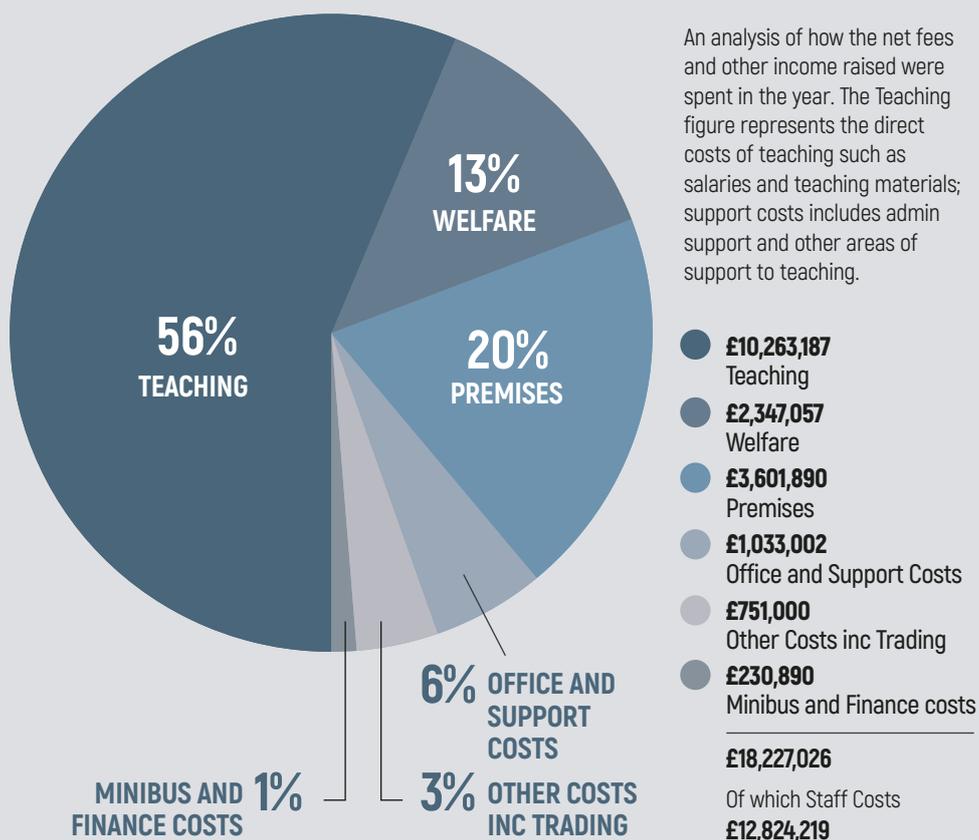
## REVENUE



## SCHOLARSHIPS



## RUNNING COSTS





# RECENT SITE DEVELOPMENTS



WE ARE COMMITTED TO A CONTINUING PROGRAMME OF INVESTMENT TO IMPROVE AND ENHANCE THE SCHOOL CAMPUS AND TO DRIVE FORWARD ENERGY EFFICIENCY INITIATIVES THAT REDUCE OUR RUNNING COSTS AND MINIMISE OUR IMPACT ON THE ENVIRONMENT.



**1**

**DEPARTMENTAL REFURBISHMENTS**  
**£1.3M INVESTED**  
 In the last four years we have commenced a rolling programme of departmental refurbishments. This started with English and Humanities and recently this has also included more substantial projects to update DT, Music and Maths. The objective in all of these projects is to provide modern, energy efficient and functional teaching spaces whilst retaining the historical features of the buildings.



**2**

**BOARDING HOUSE REFURBISHMENTS**  
**£450,000 INVESTED**  
 Another rolling programme to improve boarding facilities started in 2019. Internally there are works on kitchens, bathrooms, common rooms and bedroom upgrades. Additionally improvements in energy efficiency such as LED lighting and new heating systems have run alongside the installation of windows and roofs which are listed below.

## OTHER DEVELOPMENTS

**WINDOWS AND ROOFS - £1.2M INVESTED**  
 In the last four years we have re-roofed DT, Maths, School House, the Library, Francis House and the Old Gym; insulation has been brought up to current standards in order to reduce energy loss. In the same time frame double glazed windows have been installed in Physics, Petergate, Humanities, Francis House, Old House, Old Gym, Milestones, Maths and Music.

**GROUNDS AND GARDENS**  
 The School has invested significantly in our grounds and gardens, bringing a fleet of new equipment as well as supporting the departments with the necessary aggregates and resources for extensive renovation programmes for sports pitches, lawns and planted borders.



## GARDEN CABIN

The Garden Cabin is the base for Community Partnerships. Surrounded by the beautiful Blundell's Garden (created and maintained by the pupils) it hosts events throughout the year for visiting schools, community groups, pupils, staff and parents. Thanks to a grant from the Devon Community Foundation there is a fitted kitchen, from which the Garden Café is run, supporting the activities above and also events such as our Termly Garden Open Days or outdoor Music Concerts. It is a beautiful space for us all to relax, enjoy and focus on life's priorities.



## ELECTRICAL AND SOLAR

A largely unseen programme that has a huge daily impact has been the programme of electrical replacement. This ranges from replacing mains supplies across the site, running new infrastructure for IT, to a programme of LED lighting replacement. The next phase will be the replacement of the mains cable into the Bursary, North Close, Petergate and Kitchens. In 2019 we installed our first solar array (50kW) on the new insulated roof on DT. A further 47kW have recently been added on School House and we have approval for a further 160kW to be installed on Mayfield (Pre Prep) and the Sports Hall.



## PREP PAVILION & WILD WONDERS AREA

This project has been made possible by the generous donations from the Friends of Blundell's Prep. Since 2021 we have added the new pavilion and scoreboard, added the steps between the hub and wild wonders area, installed raised beds for vegetable growing and wild flowers, built a greenhouse and installed the parachute to give a covered learning area.



## CAMPUS SIGNAGE

In 2021 we commenced our rebranding exercise with a programme of external signage replacement that not only looks smart and professional but also helps orientate visitors around the site.

## FUTURE DEVELOPMENTS

### SPORTS HALL

We are about to embark on a project to upgrade our sports centre. This will include new flooring, new netting, new lighting, extended sports hall storage and new fitness facilities.

### MULTI-USE GAMES AREA

A  $\frac{3}{4}$  sized Multi-Use Games Area (MUGA) will be a much needed addition to the outdoor activity areas at the Prep School. Giving year round access for sport and games without the need to cross Blundell's Road will bring a host of benefits. This project is about to go to planning.



# SOCIETAL IMPACT

## COMMUNITY PARTNERSHIPS

Community engagement is a key part of a Blundellian's education and social responsibility, and is important for a healthy, happy school that is part of its wider community. We are fortunate to have extensive grounds and therefore commit ourselves, as a charity, to using our facilities for the purposes of education in its widest sense.

Pupils at Blundell's from Years 7 to 13 have the opportunity to join one of four Community Action Teams (CATs), they are: The Environment and Sustainability Team; The Equality, Diversity, and Inclusivity Team; The Academic and Creative Arts Team; and The Sport and Outdoor Pursuits Team.

The pupil led CATs enrich and develop sustainable partnerships, working closely with the School's Charity Committee. Our focus is currently:

### **Supporting local schools and education initiatives**

We have established a great partnership with Tiverton High School and invite their Pupil Leadership Team into school for regular meetings and for events such as school plays and music concerts.

We host Primary School Activity Days, run usually by our A Level pupils, which focus on morning academic workshops and lunch with a pastoral focus in a boarding house. In the afternoon our Sports Leaders run a games session.

The Culm Valley Small Schools Association involves a member of the PE staff who travels to each of the local schools, teaching PE, providing equipment, and also hosting the schools in our facilities.

The Sports Leadership programme gives our pupils the opportunity to participate in numerous events with younger pupils in both the Senior and Prep School as well as in other local primary schools.

The Music in the Community group work with local schools and play at numerous local venues.

The Art Department holds community life drawing sessions via Tiverton Arts Society and supports, Uffculme School Art Department and Tiverton High School.

As a member of the West Country Training School Alliance, working alongside over 10 maintained sector schools as equal partners, we contribute facilities and areas of expertise. We host School Direct trainee teachers.

### **The Blundell's Garden**

The Garden Cabin is the base for Community Partnerships; it hosts numerous events each term including Garden Open Days and opening for the National Garden Scheme. Activities are offered to local schools and we support the RHS Campaign for School Gardening initiatives and our own horticultural, environmental, sustainability or well-being focused activities.

### **Tiverton Town Council**

Every three months CAT Leaders present, alongside colleagues from THS, at Town Council meetings, keeping Councillors up to date with our Community Partnerships.

### **Tiverton Town and our local community**

We support, and work with several local organisations including: Tiverton Rotary Club, Tiverton Civic Society, Tiverton Adventure Playground, Tiverton Hospital Wildlife Garden, Grand Western Canal, Tiverton Pannier Market, Sustainable Tiverton and Tiverton in Bloom. We are also working closely with the National Trust who run Knightshayes Court and manage Old Blundell's School. Our Autumn Term Field Day focuses on community engagement for our Year 12.

### **Use of facilities**

22 local schools, youth groups and clubs use our facilities for sports, dance, yoga and fundraising activities with a full residential programme throughout the summer holiday.

### **Charity**

The Charity Committee coordinate whole school charity initiatives and each of the boarding houses support their own chosen charities. We currently support, CHAT (Churches Housing Action Team), Hospiscare, the Disaster Emergency Committee and The Bhambayi Project in South Africa.

### **Blundell's Prep School**

The Prep School is forming partnerships with local council members and schools. In the summer it welcomed Year 5 from Wilcombe School for a Performance Day, taking part in Art, Drama and Dance workshops and performing the skills learnt in a showcase at the end of the day.



**Charlie Olive**

DIRECTOR OF COMMUNITY PARTNERSHIPS

Community Partnerships aim to deliver an engaging, exciting programme that has a real, positive and sustainable impact on all those involved.

# DEVELOPMENT OFFICE

At Blundell's we understand the significance education has in shaping the lives of young people and the role they can play in society beyond school. This is why the Development Office has focused its efforts to generate support for our Bursary Programme, providing talented young people the opportunity to enjoy a Blundell's education who would otherwise not have the means to do so. We are proud to celebrate that, through the support from our community, last year (22/23 academic year) Blundell's was able to offer 86 life-changing Bursary places to young people at a cost of £858,573.

The Development Office at Blundell's is dedicated to sustaining the School's legacy by supporting both its constituents past and present. Our mission is to ensure the continued success and prosperity of Blundell's and all those associated with it. We foster a culture of generosity through bursaries and capital projects that provide life-changing educational opportunities and enhance the learning experience for all students.

In 1604, Peter Blundell founded Blundell's School with the visionary goal of educating more scholars than ever before, extending the gift of education to children who might not otherwise have had this opportunity. This commitment to providing educational opportunities to deserving and gifted students through a Bursary programme continues today, some 400 years later. This vital work is now entrusted to Blundell's Development Office, which has set the ambitious goal to provide "more bursaries than ever before".

Nevertheless, our commitment to helping young people reach their full potential and, consequently, enabling them to make a positive social impact would not be possible without the financial support we receive from our generous Blundell's Community. Those who have contributed to the bursary programme understand their role in driving social mobility and recognise the importance of providing young, talented individuals the chance to shape a brighter future.

The Development Office organises fundraising campaigns for capital projects, ensuring that Blundell's maintains its status as an exceptional educational institution. These projects encompass a wide

spectrum, ranging from state-of-the-art classrooms, to providing outdoor social areas for the boarding houses. Each of these initiatives serves to enhance the students' experience at the School, enabling them to fully achieve their potential.

Fundraising is achieved through a variety of ways; The Peter Blundell Foundation Award has been specifically founded for bursary provision; The 1604 Legacy Society for those who have pledged a gift in their will; The Annual Fund to support various small-scale projects around the School; and the newly established Endowment Fund which ensures the ongoing commitment to providing bursaries for future generations.

In addition, The Development Office plays a pivotal role in facilitating lifelong connections among all members of the Blundell's Community, regardless of their geographical location, be it within the country or across the globe. This is achieved through a series of social and professional networking events.

The Development Office provides a broad and far-reaching range of services to benefit both the School and its community. Recent activities have included: The Giving Day, which successfully raised over £130,000 for life-changing bursary places; a black tie Gala Dinner and Auction attended by members of the Blundell's community; a professional networking reception in London; informative keynote speaker sessions by current parents and Old Blundellians; career mentoring support for pupils; international receptions for our overseas community, most recently held in Hong Kong, Sydney and Bangkok; an Annual Fund that raised funds to enrich the School's learning environment for its pupils; and various society gatherings for those who support the School.

Blundell's continues to be immensely thankful to its vibrant and engaged community, whose continued support is essential to keeping Blundell's the thriving School that it is today. The support from Old Blundellians, parents both past and present, dedicated staff and well-wishers is a tremendous help and we can't thank them enough for their invaluable contributions. Donations, volunteering time, prizes or career mentoring and advice, collectively it all helps to strengthen the foundation of Blundell's.

**Ben Boswell**

DIRECTOR OF DEVELOPMENT



The Development Office aims to nurture lifelong links with its community and foster a culture of giving in support of bursaries and capital projects, creating life-changing opportunities for talented pupils.



# ENVIRONMENTAL IMPACT

## SUSTAINABILITY

The School has been working in a number of areas to make its estate more energy efficient.

In 2019 we set out on this journey by gathering historic energy consumption data back to 2016 from our metered supplies. At this point (a time with a comparable school roll) the estate consumed 4,940,000kwh of gas, 1,460,000kwh of electricity and 23,000,000 litres of water.

Our consumption from the same metered supplies in 2022 had reduced to 3,947,000kwh (20% reduction) for gas, 1,130,000kwh (22% reduction) electricity and 19,800,000 litres of water (14% reduction).

This reduction has been achieved by commitment to a number of initiatives to improve the efficiency of our buildings such as insulation (both loft and cavity wall), window replacement with double and triple glazed units, replacing fluorescent with LED lighting, replacing inefficient boilers, heating controls, replacing infrastructure and leak detection.

On a day-to-day basis we have implemented out of hours shut down programmes to reduce energy waste and we have installed 22 sub meters across the site to enable us to analyse and compare electricity data every half hour in areas of high usage such as kitchens, boarding houses and the Prep School. We already have adequate gas metering across the site and are working with the suppliers to feed their half hourly data into our platform. This is a crucial next step towards engaging with the pupils and staff with real, live information.

As a large energy user Blundell's has participated in the Energy Savings Opportunity Scheme (ESOS) in 2015, 2019 and will again participate in 2023.

If the above items are the low hanging fruit, the more exciting and exotic projects have been our roof mounted solar arrays.

We installed a 50kW array on the new Design and Technology roof in 2019 and a further 47kW array on the new School House roof in 2023. A further 160kW installation is planned for Mayfield and the Sports Hall in spring 2024. These arrays have the potential to produce 23% of the School's electricity and, in the case of the Prep School, 59%. During the summer months we are projecting that the Prep School will be largely off grid in future.

We are continually reviewing options for on-site energy generation, battery storage, new heating technologies, electric vehicles and supplying our water from a bore hole. These projects will only be pursued if they are viable and sustainable.

As previously mentioned, the next crucial step is engaging with staff and pupils via the new committee structures that were started in September 2023.

No sustainability report would be complete without a section on waste.

Since 2018 we have reduced the amount of waste produced on site from 250 tonnes to 190 tonnes. At the same time we have reduced our landfill waste from 48% to 6% (mostly building waste).

Of our current waste 110 tonnes go to a waste incineration site (producing 9,000kW of electricity), 33 tonnes of wood waste goes to a local biodigester, 37 tonnes are recycled.

Our current initiatives are centred around reducing food waste and reducing food packaging waste through our supply chain (35% of our site waste coming from the kitchens). We are also buying our cleaning chemicals as a concentrate and diluting them on site in reusable bottles to reduce plastic waste via this route.



**Ian Barnes**  
CHIEF OPERATING OFFICER

The COO oversees the teams that deliver the day-to-day management of the non teaching aspects of the School, including estates management, catering and capital projects.

# KEY ACHIEVEMENTS



**22%**

**REDUCTION IN ELECTRICITY CONSUMPTION**

**SAVING £90,000 PER YEAR** AT CURRENT RATES



**20%**

**REDUCTION IN GAS CONSUMPTION**

**SAVING £70,000 PER YEAR** AT CURRENT RATES



**14%**

**REDUCTION IN WATER USAGE**

**SAVING £13,000 PER YEAR** AT CURRENT RATES

Since 2016 we have reduced gas consumption by 1,000,000kwh, reduced electricity consumption by 330,000kwh and water usage by 3,200,000 litres.

## WE ACHIEVED THIS BY

NEW LED LIGHTING USES 80% LESS ENERGY

**80%**

WINDOW REPLACEMENT AND ROOF INSULATION REDUCED HEAT LOSS BY 40%

**40%**

NEWLY FITTED SOLAR PANELS GENERATE UP TO 30% OF SITE WIDE ELECTRICITY

**30%**

In the last five years the estates team have been instrumental in delivering a programme of enhancements that have reduced energy consumption by 1.3 million kwh and water consumption by 3.2 million litres.



**91%**

**REDUCTION IN WASTE SENT TO LANDFILL**

**REDUCED WASTE PRODUCED BY**

**24%**



**71%**

**INCREASE IN RECYCLING**

## WASTE REDUCTION

Since 2018 we have reduced the amount of waste produced on site from 250 tonnes to 190 tonnes. At the same time we have reduced our landfill waste from 48% to 6% (mostly building waste).

Blundell's School  
Tiverton  
Devon  
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