The Scholars Programme



Placing PhD researchers into state schools to deliver university-style teaching and learning



The Brilliant Club

Mission

The Brilliant Club is an award-winning, independently-evaluated charity that exists to increase the number of pupils from under-represented backgrounds that progress to highly-selective universities. We do this by mobilising the PhD community to share its expertise with state schools as part-time tutors or full-time teachers.

The Problem

In the UK today, there is an entrenched link between household income and educational success. Pupils from lowincome backgrounds are far less likely than their wealthier peers to progress to higher education or secure a high-income job. In Scotland, SIMD20 applicants are 12% less likely to be accepted to university. Fair access to university is a challenge at all levels, but is acute at the most selective institutions.



The Scholars Programme

The Scholars Programme recruits PhD researchers, trains them as university access professionals and places them as tutors in schools to deliver programmes of university style tutorials to small groups of high potential pupils. Pupils study academic subjects based on their PhD tutor's research, completing weekly homework assignments and a final written assignment. Each programme starts and finishes with a trip to one of our partner universities, where pupils have a campus tour, meet undergraduates and receive guidance from university admissions staff.

The Scholars Programme runs in all regions of England, Scotland and Wales. The programme is available in all non-selective primary schools, secondary schools and sixth-form colleges.

Our Reach









Our Impact

To support The Brilliant Club's commitment to outcomes, UCAS conducted an independent analysis of our impact on university destinations of our pupils in England. Analysing a cohort of 323 Scholars Programme pupils who finished Year 13 in Summer 2016, UCAS reported that:

applied to a highly-selective university

including 15% who applied to Oxford and Cambridge

progressed to a highly-selective university

including 5% who progressed to Oxford or Cambridge

received an offer from a highlyselective university

meaning that 9 out of every 10 received an offer

UCAS then evaluated this cohort against a control group with matched characteristics, including ethnicity, prior attainment and postcode. This analysis found a statistically significant positive impact for Scholars Programme pupils:

Significantly more likely to apply to a highly-selective university

Significantly more likely to receive an offer from a university

Significantly more likely to **progress** to a highly-selective university

Following this analysis, The Brilliant Club is officially recognised on the UCAS application form as an effective extracurricular activity to prepare for university.

An effective use of funding

The Scholars Programme was identified as an effective use of targeting Pupil Premium funding in England in an Ofsted report, 'The Most Able Students: An Update on Progress Since 2013,' and similarly it may be that schools in Scotland use their Pupil Equity Fund to pay for The Scholars Programme. The Brilliant Club provides its partner schools with a termly impact report outlining the outcomes for all pupils enrolled on The Scholars Programme.

Knowledge

Q: I have an excellent level of knowledge in the subject that The Scholars Programme focuses on, that goes beyond that of my peers

Before 34% agreed or strongly agreed

83% agreed or strongly agreed

Q: I can find out new information and use it in my work successfully without help from adults

> 74% 94%

Ambition

Q: I plan to go on and study at one of the best universities in the country when I am older

> 89% 80%

Skills

Q: I can articulate my knowledge and my ideas successfully in a written piece of work

92% 67%

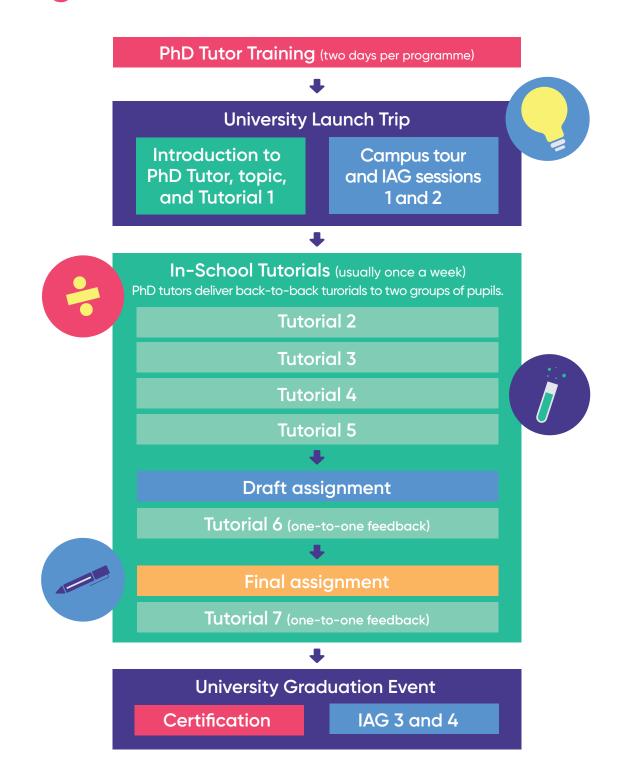
Q: I would **feel confident** talking to a university teacher about my work

62% 84%

My son learned that he was capable of achieving much more than he thought he could.

Parent, St. Aidan's Academy, Sunderland

Programme Breakdown



Age Groups	Term	Tutorial Length (minutes)	Tutorial Size	Tutorial Length (minutes)	Assignment Length (words)
P6/7	Summer	60	2 x 6 pupils	60	1,000
S1/S2	Summer	60	2 x 6 pupils	60	1,500
S3/S4	Autumn / Spring	60	2 x 6 pupils	60	1,500
S5	Autumn / Spring	75	2 x 4 pupils	75	2,500

Key Features

Pupil Selection

The Scholars Programme is aimed at high-performing pupils. We ask teachers to choose the pupils that they feel are best-placed to benefit from the programme. Currently, a minimum of 33% of pupils enrolled on the programme should be eligible for free school meals. As an alternative measure, a pupil can be classed as a 'target pupil' if they meet any one of the following criteria: eligible for free school meals, no parental history of higher education in the UK, and living in a low-income area as measured by SIMD. Schools would then need to ensure that at least 55% of pupils enrolled are classed as target pupils. Further information about pupil enrolment is available at the planning stage of the programme.

Trips

The Scholars Programme begins with a launch trip at a highly-selective university where the pupils take take part in their first tutorial with their PhD tutor. The programme culminates in a graduation event typically on a Saturday or evening to recognise the pupils' achievements. Where possible, parents and carers are invited to celebrate their child's success

Tutorials

the school day. The tutorials emulate a university-style on their performance throughout the programme.

VLE

All pupils have access to The Brilliant Club's virtual learning environment (VLE), which mimics plaforms that pupils can expect to use at university. The VLE includes a moderated message system that enables pupils to interact safely and securely with PhD tutors online between tutorials. Pupils can also use the VLE to download course materials; upload their assignments; and access the Bright Knowledge resource library, which has hundreds of articles and videos on careers, education and university life.

Final Assignments

PhD Tutors

assessment process, including a PGC check. All PhD tutors complete two full days of training, which is delivered by qualified teachers and PhD graduates. The training is designed to make the most of the PhD tutors' unique passion for their subject and their academic knowledge, by helping them structure a robust and engaging programme for pupils.



Logistics

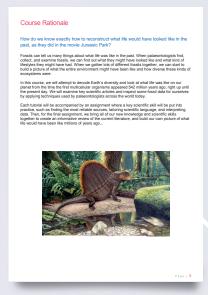
We strive to make our programmes as easy as possible for teachers to run in school. Each school is assigned a Programme Officer who acts as a single point of contact. The Programme Officer oversees all the planning and communication with PhD tutors and universities, including support in organising the trips. All partner schools receive a guidance pack containing all the information needed to run the programme effectively.

Value for Money

Our PhD tutors are all interviewed, trained and paid. To support this, partner schools make a financial contribution will remain frozen, as it has for the last five years, thanks to support from our university partners who also contribute to the costs of the programme.

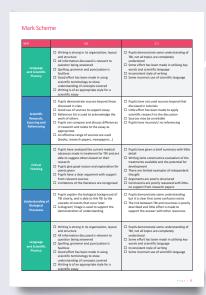
We are committed to ensuring that The Scholars Programme continues to provide great value to schools. This year we will be adding a seventh tutorial to each placement, offering an enhanced programme of IAG to S5 pupils, and beginning to introduce a new online monitoring and evaluation system.

Course Handbook Breakdown



Rationale

Every course includes a rationale that serves as an introduction for pupils. The rationale provides a hook for the course to get pupils excited about what they will be learning.



Mark Scheme

Mark schemes show what a typical 1st and 2:2 level assignment demonstrates in terms of the understanding of the course content and the subject-specific skills applied.

For pupils in S3-S5, each course is individually designed by the PhD tutor and based on their research. PhD tutors produce a course handbook in line with our template, which is designed to ensure that pupils are supported and challenged throughout.



For pupils in P6-S2, we work with academics to create standard courses that can be adapted by PhD tutors in line with their area of specialism.

For example, in 2016/17 we partnered with the University of Stratchlyde to design a course entitled 'The Chemistry of the Cupcake' for pupils in P6/7.



Glossary

Every course handbook contains a glossary of key vocabulary to introduce students to technical and subject-specific vocabulary.



Final Assignment

At the end of every course, pupils write an extended final assignment or complete a problem set. This work is pitched a level above the pupils' current CfE level and provides the opportunity to demonstrate content and skills developed throughout the course.

Course Handbook Examples

At P6-S2, we work with PhD tutors and university partners to design template courses that are appropriately pitched. At S3-S5, course handbooks are individually designed by PhD tutors and are based on their own academic research. As such, as well as working with PhD experts, pupils taking part in The Scholars Programme study unique courses based on cutting-edge academic research.

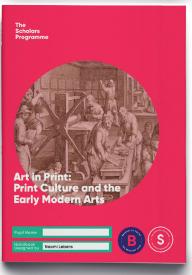




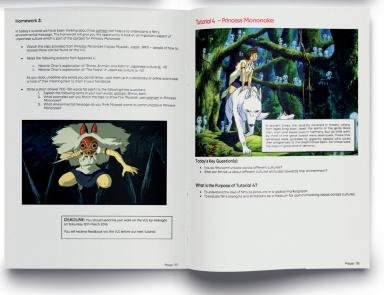












Impact Report Breakdown



At the end of each programme, we provide a bespoke impact report to each school. This outlines the performance of the group as a whole, and the performance of pupils eligible for free school meals separately. These reports include data on pupils' progress against The Brilliant Club's six competencies, their achievement on the programme and their selfevaluation responses.

Programme Sun and Impact Re

Regional Comparisons

We benchmark individual school data alongside regional and national averages to help schools further assess their impact.

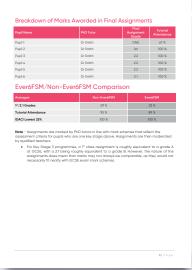
Assessing Competencies

The Scholars Programme uses a competency framework that sets out how we support pupils to progress to a highly-selective university. This framework is built upon a series of cognitive and non-cognitive skills that the literature shows as having a positive impact on academic attainment.

		Final Assignment Grade	Tutorial Attendance	
Pupil 1	Dr Smith	DNS	67 %	
Pupil 2	Dr Smith	lst	100 %	
Pupil 3	Dr Smith	2.2	100 %	
Pupil 4	Dr Smith	2.2	100 %	
Pupil 5	Dr Smith	2.2	100 %	
Pupil 6	Dr Smith	2.1	100 %	
Ever6FSM/Non-Eve	Non-EverôfSM		EveréFSM	
1"/2.1 Grades	29 %		33 %	
Tutorial Attendance	95 %		89 %	
IDACI Lowest 25%	100 %	100 %		
at GCSE, with a 21 being	roughly equivalent to a grade	B. However, th	e nature of th	

We have designed The Scholars Programme around six competencies that the literature suggests will be effective in developing the knowledge, skills and ambition needed to progress to a highlyselective university.

- · Written and Verbal Communication
- · Subject Knowledge
- · University Knowledge
- Motivation and Self-Efficacy
- Meta-Cognition
- · Critical Thinking



Pupil Attainment

We use university-style grades to show the attainment of each pupil on the final assignment. A baseline assignment is used to show the academic progress over the course of the programme.



Targeting and Tracking

We break down the impact on target and non-target pupils so that schools can evidence their Pupil Equity Funding spend.

University IAG Conference



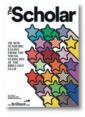


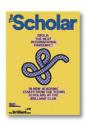
The Brilliant Club offers information, advice and guidance on university access to all pupils enrolled in The Scholars Programme. Following this, free regional University Access Conferences will be held for S5 participants in the summer term. For pupils in S5, this structured programme of support is offered after their graduation event and is delivered through a personalised online platform.

These events will include workshops on personal statement writing, making the most of opportunities at university, and interview preparation, all run by the charity's university and corporate partners. It ensures that all pupils who complete The Scholars Programme make the most of their experience and are supported to make a compelling application to a highly-selective university.

The Scholar

The Scholar is The Brilliant Club's peer-reviewed academic journal. It celebrates the work of pupils across the country and introduces them to the world of published academic research. Each term, our PhD tutors recommend the best assignments for review and publication. We receive around 50 submissions for every edition, of which 20 are typically chosen by our review panel of PhD tutors. The selected pupils and their schools all receive a copy of the journal, which is introduced by academics and admissions staff from the UK's research-intensive universities.













Working With Us



Maryam Khalifa Pupil, Lampton School, Hounslow

I don't think I would be at Cambridge and I don't think I would be studying law if it wasn't for The Brilliant Club. It was powerful to have someone recognise my ability at a young age and that I should be considering going to a top university...it gives you more drive just to work that little bit harder to get there.



Helen Parker, University of Edinburgh

All the students wholeheartedly threw themselves into some very challenging material. I was impressed with their enthusiasm and energy from our first encounter and throughout. All students surpassed my expectations and I regularly found myself talking to colleagues at the Queen's Medical Research Institute about all the fantastic ways I saw them develop. My hopes for the students are that they all recognise their abilities for how exceptional they are. Finally, they should all feel very proud of themselves and I wish them the very best in the future. Maybe I'll pass them in a corridor at University of Edinburgh one day when they're doing their own research!

Parent Hyndland Secondary School

The Brilliant Club has presented a wonderful opportunity for our daughter. She has been inspired by the topic and totally enjoyed all the learning. All pupils need <u>more</u> opportunities like this-this is what learning should be for all children. Thanks!



Lucy Hemsley Head of Higher Education and Upper Ability Provision, Cheltenham Bournside School and Sixth Form Centre

The Scholars Programme immediately appealed to me for its academic rigour, its links with top universities and its ability to deliver a programme that not only takes students into universities, but also brings PhD researchers into schools, so that students can experience universitystyle tutorials. Every single one of our students showed increased confidence in both their academic ability and in their potential to study at a top university.



Adeel Shafi University of Edinburgh

I am extremely proud of each and every one of my pupils. It has been a pleasure to get to know them and teach them over the last few months. I have seen potential in everyone, I hope they use this experience and build on the feedback I provided as they begin to embark on a journey to great success, which I know is waiting for them. I wish them all the best for the future.



Tom Levinson Head of Widening Participation at Cambridge University

The Brilliant Club's model is both innovative and impactful and closely articulates with the widening participation objectives of the University of Cambridge. Best of all, they 'get' the WP context and particular challenges of highly selective universities, which is vital to effective partnership.

Our University Partners



























































Get In Touch

Please get in touch with Leanne (National Programme Director) at leanne@thebrilliantclub.org. or call our National Office on 020 7921 4549

