



Durham School

Teacher of Science (Physics)

This is a part-time post from Monday 19 April to Friday 28 May and is separate to the full time post advertised for September 2021.



The background of the slide is a long-exposure photograph of a starry night sky, showing numerous curved star trails in shades of yellow and white against a dark blue background. A thin, solid blue rectangular border frames the central text area.

**“Nothing happens until
something moves.”**

Albert Einstein

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Traditionally Modern

Learning has been part of the life of Durham for a 1000 years, and Durham School has been at the heart of the city's education for most of that time; originally founded as the monastic grammar school, the School was endowed by Bishop Thomas Langley in 1414 and re-founded by Henry VIII at the dissolution of the abbey in 1541.

The School moved from its mediaeval home on Palace Green to its current location in 1844; although the city centre is only five minutes' walk away, the School has a peaceful, rural atmosphere.

Today, the School educates 525 pupils, at Bow for girls and boys aged 3-11 and at Durham School for girls and boys aged 11-18, of whom a quarter board and approximately a third are girls.

Our vibrant and successful Sixth Form prepares pupils for the next stage of their journey. Within a community shaped by moral integrity and kindness, we cultivate ambition and responsibility; giving all Dunelmians the foundations to be happy and make a positive mark in the world.

By embracing this ethos, our pupils not only learn to pass their examinations today, but receive an education that gives them confidence for life.

Durham School has a long and ancient history. The secret to our longevity is our passionate teachers, who, using innovative approaches and new technologies, seek to kindle the intellectual curiosity of our pupils, preparing them to answer the questions of tomorrow.

A Word from the Headmaster

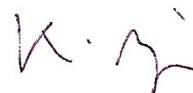
Kieran McLaughlin

Headmaster

In so many ways, all schools are similar and yet all schools claim to be different; so what is the unique quality that makes Durham distinctive?

In short, we compete. In comparison to most schools, Durham is small, but we do not let that stand in our way. Pupils here do lots of things that revolve around their education: sport, music, drama, outdoor pursuits, CCF, and so the list goes on. Pupils represent the school at county, national, and international levels, achieving impressive standards in all that they do and competing with the best of them. Pupils dedicate time to these activities because they are fun and enhance CVs but, more importantly, because they develop the pupils as people; they learn to compete, they learn to win, and they learn what to do when they fail or lose. Balancing all this with academic work is never easy but pupils learn from the very beginning that examinations cannot get in the way of an education that will last a lifetime.

There are many tasks which might compete as the most important for any headteacher, but getting the right people on the bus is not only a privilege but also the guarantee that Durham remains distinctive and all that it is. The teachers here dedicate themselves to their pupils, they inspire questioning and a love of learning, and contribute to a warm and lively community.



A World Class Location



"I got off at Durham, intending to poke around the cathedral for an hour or so and fell in love with it instantly in a serious way. Why, it's wonderful – a perfect little city – and I kept thinking: 'Why did no-one tell me about this?' I knew, of course, that it had a fine Norman cathedral but had no idea that it was so splendid. I couldn't believe that not once in twenty years had anyone said to me, 'You've never been to Durham? Good God, man, you must go at once! Please – take my car.' I had read countless travel pieces in Sunday papers about weekends away at York, Canterbury, Norwich, even Lincoln, but I couldn't remember reading a single one about Durham, and when I asked friends about it, I found hardly anyone who had ever been there. So let me say it now: if you have never been to Durham, go at once. Take my car. It's wonderful."

Bill Bryson, Notes from a Small Island

M

MORAL INTEGRITY

We demonstrate a desire to do the right thing

We act in private as we do in public

We have the courage to say and do the right thing

We stand firm for what is right

We challenge things we think wrong and are open to challenge from others

We are accountable for failure as well as success, and do not allocate blame

We can be relied upon to do what is right

We demonstrate and promote honesty



A

AMBITION

We achieve our goals by consistently working toward them

We go above and beyond the call of duty

We aim for the best in 'me and them' and take pride in all we do

We seek help and support before giving up and identify lessons in setbacks

We encourage all to develop maximum potential and support others to achieve

We embrace opportunities, challenge, and seek to develop our skills and talents

We identify opportunities for School Development



R

RESPONSIBILITY

We do what we say we will

We are punctual and prompt in all that we do

We use our resources responsibly, developing and caring for our environment

We act before being asked and consistently deliver on expectations

We prepare thoroughly for all tasks

We encourage autonomy in all and seek leadership

We acknowledge and seek to resolve problems

We pioneer better ways of doing things



K

KINDNESS

We are open and approachable to all

We welcome and listen to the opinions of others

We look to engage and involve all in the community

We attend to newcomers and those needing help, and build relationships actively

We are positive in responding to questions

We support each other and stand up for fellow colleagues and pupils

We acknowledge individual needs within the community

We speak positively of the School community



Our Values

For over 600 years, Durham School has prepared the young of today to be the leaders of tomorrow in the lessons we teach both in and outside the classroom, but more importantly in the values we encourage in every aspect of our daily lives. Moral Integrity, ambition, responsibility, and kindness are the MARK of a Durham School education

The Position

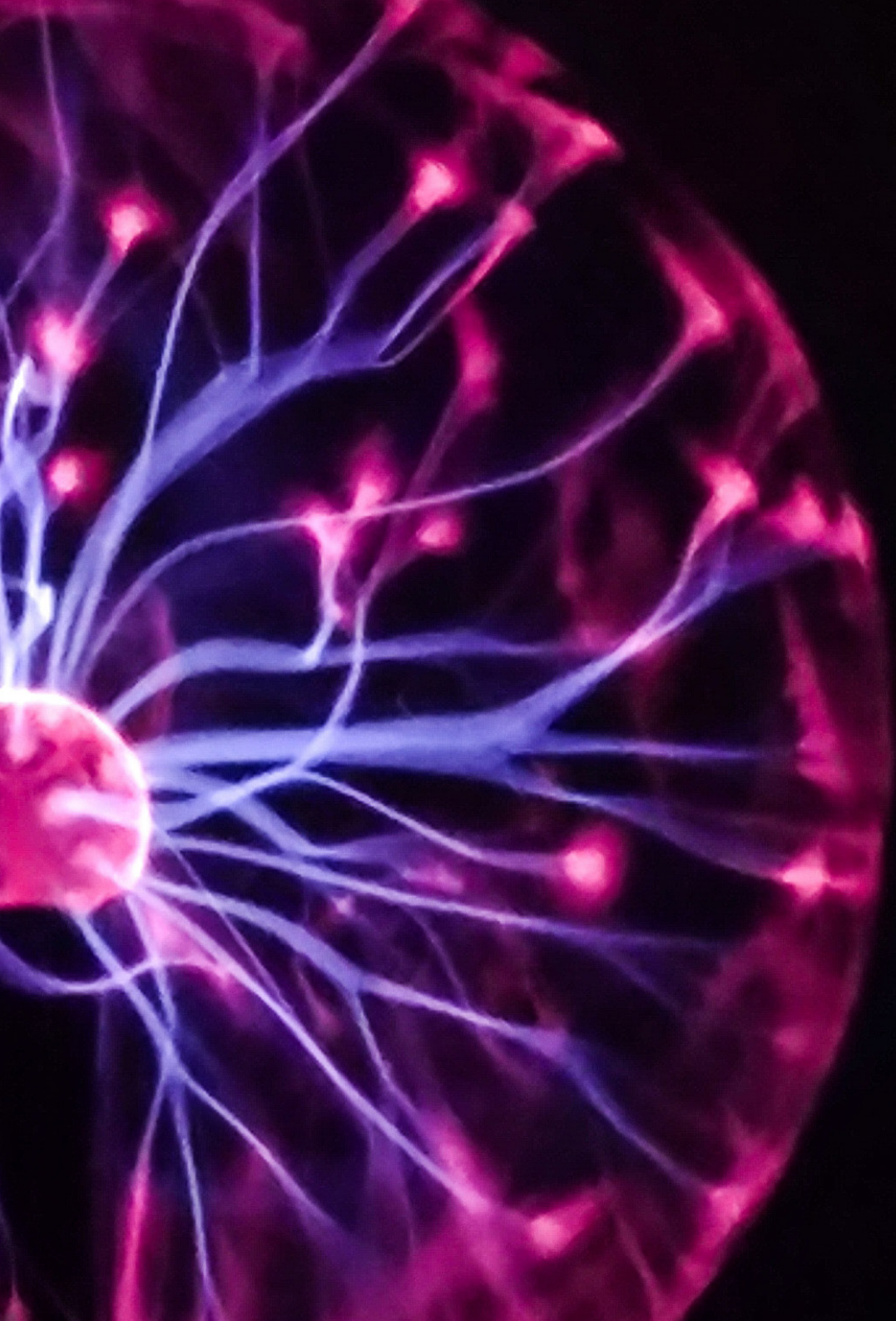
This position represents an excellent opportunity for a well-qualified individual to teach Physics for the first part of the summer term from 19.4.21 to 28.5.21.

Durham School seeks to appoint a suitably qualified Teacher of Physics for a supply teaching post for the first half of the summer term 2021. The position will suit a suitably qualified teacher who wants to contribute to a very successful department. The successful candidate will be able to teach Physics A level; some experience of preparing candidates for Oxbridge entrance would be helpful but not essential. All staff at Durham School are expected to contribute fully to the extra -curricular and boarding life of this busy and successful School.

Durham School is committed to promoting the safeguarding of children and expects all employees to share this commitment. any job will be made subject to satisfactory checks, including an enhanced DBS disclosure.

Durham School is an equal opportunities employer and welcomes applications regardless of age, gender, race, religion, disability, or sexual orientation.





The Department

Biology, Chemistry, and Physics are very popular, annually attracting good numbers of pupils at a level across all three Sciences. Class sizes are typically small with no more than fifteen pupils per class.

Staffing

In 2020/21, the Department consists of a Head of Science who is also Head of Chemistry, supported by a Head of Physics and a Head of Biology. In addition, there are six further members of staff who are expected to be able to teach all three Sciences across Key Stages 3 and 4 to a high standard, and to a level in their specialism; three subject-specific technicians support the work of the Department. There is a strong emphasis on teamwork, mutual support, and the sharing of teaching and learning opportunities as well as resources.

Resources & Accommodation

The Department is located in the main School building, and consists of seven laboratories and three technician areas. All laboratories are equipped with computers and digital projectors. There is a departmental office and wireless access for staff and pupils is located throughout

the School, and all teaching and learning are supported by the use of the Microsoft Teams virtual learning environment. The Department is well-resourced and is a popular feature of the GCSE and Sixth-Form curriculum attracting a good uptake from pupils.

Pupils

Science is a compulsory subject at GCSE and very popular in the Sixth Form; currently, numbers for these subjects are:

GCSE:

	Syllabus	Pupils
Trilogy	AQA	30
Separate Sciences	AQA	60

A level

	Syllabus	Pupils
Biology	AQA	35
Chemistry	OCR	35
Physics	Edexcel	39

The number of pupils opting for individual Sciences is approximately equal between the LVI and the UVI.

Pupils receive 6 lessons of 45 minutes per Science in a two-week cycle of the timetable at GCSE and 12 lessons per fortnight at A level. Lessons emphasise academic challenge and draw on real- world case studies and examples to provide relevance and bring the subjects alive. Teaching styles vary but a mixture of traditional and innovative approaches is encouraged and supported within the Department.

Results

The Department has enjoyed very pleasing academic success in recent years; in 2020, results for the Department were:

	GCSE	A level
	9-7	A*-B
Trilogy	20.3%	
Biology	87%	87%
Chemistry	100%	81%
Physics	100%	83%

The Department is proud of its results and, in particular, to adding value to all candidates through innovative teaching and learning as well as regular opportunities for subject enrichment. University continuation rates among pupils are

very high with candidates progressing to study individual Sciences and related subjects at Russell League universities.

Other Activities

The Department offers pupils the opportunity to take part in a range of extra-curricular activities such as trips to local universities and local science competitions, as well as to the Centre for Life in Newcastle. In 2018, a trip was taken to CERN in Geneva.



Job Description

Key Function

- Teach Physics to A level and Oxbridge entry as well as Science across KS3 and KS4.
- Contribute to the wider co-curricular, pastoral, and boarding programme of Durham School

Line Management

- Responsible to the Head of Department of the main subject specialism.

Specific Duties

- Have secure and up-to-date knowledge of examination board requirements
- Plan, prepare and deliver highly effective lessons to promote good pupil progress
- Differentiate work to ensure inclusion for all pupils including those recognised as Gifted.
- Understand and follow department policies, programmes of study and schemes of work
- Regularly evaluate teaching practice as part of the appraisal process
- Maintain an effective working environment
- Promote positive values and behaviour in pupils
- Regularly set, mark and provide feedback on classwork and homework as determined by the homework timetable and in line with School policy
- Liaise with parents when appropriate and attend all relevant parents' evenings
- Complete end-of-term written reports to a high standard and according to School guidance.
- Attend INSET, departmental meetings, and whole school meetings and briefings as directed
- Undertake cover and invigilation duties as directed by the Deputy Head
- Contribute to the development of departmental resources
- Fulfil the role of the tutor within the House system, including day and evening duties
- Be vigilant and consistent in ensuring that pupils are always safe and secure, in line with the School's safeguarding policy
- Contribute to the School's co-curricular programme including sport, drama, music, societies, etc.

Role Profile

		Essential	Desirable
Professional	Strong academic background	•	
	Degree from recognised university in relevant subject	•	
	Relevant teaching qualification [QTS]		•
	Teaching Physics to A level [or equivalent]		•
	GCSE or A-level examiner		•
	Excellent and effective classroom management skills	•	
	Using technology in the classroom		•
	Managing change and improvement		•
	Managing budgets		•
	Able to analyse data effectively	•	
Personal	A high level of IT skills		•
	Conversant with educational and curricular developments		•
	Good command of spoken and written English	•	
	Able to work on one's own as well as in a team	•	
	Able to motivate and consult with staff		•
	Ability to support the co-curricular life of the School	•	
	Experience of running enrichment activities for Science	•	
	Effective mentoring skills		•
	A passion for Physics and Science in general	•	
	Able to lead, manage, and motivate others		•
	Able to inspire, to teach and motivate learners	•	
	Awareness of safeguarding issues, legislation, and good practice	•	
	To uphold the School's core values publicly	•	
	To be organised with ability to prioritise and work to deadlines	•	
	Have an excellent punctuality and attendance record	•	
	Be of smart professional appearance	•	
	Have a willingness to engage in further training		•
	Willingness to promote the subject throughout the School		•
	Confident and authoritative	•	
	Effective and confident communicator	•	

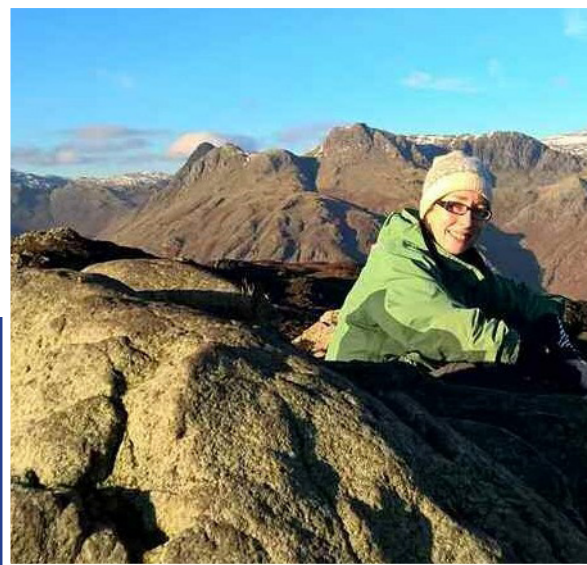
Our Staff



Mr Wallace

Chemistry Teacher & Paraglider

"Chemistry is all about studying the beauty of the world in minute detail, but sometimes stepping back and gaining a bigger perspective not only gives a better view but can be truly awe-inspiring. Helping pupils see the excitement that Science offers can be as thrilling as the adrenaline that the convection currents give me."



Miss Hind

Languages' Teacher & Explorer

"Learning a language is about more than simply vocabulary and grammar, it is about opening worlds; I try to show my pupils that their worlds should never be limited by language."

Additional Information

Other Information

Boarding is a thriving part of Durham School; we offer a wide range of co-curricular activities, and would require the successful candidate to make a regular commitment to leading & supporting an activity or sport.

The Application

All applications are to be submitted on the School's application form; these are obtainable from the School website: www.durhamschool.co.uk Alternatively, please contact the Head Master's Personal assistant, Mrs Alex Jung, on 0191 731 9270.

The Deadline

The deadline for all applications is Wednesday 17.3.21 but please feel free to submit your application as soon as possible.

The Interview

Interviews will take place in the week commencing Monday 22.3.21. The interview process will include the teaching of a lesson, the opportunity to meet departmental colleagues, as well as visit the School. Further details and a schedule will be provided in advance of the interview.

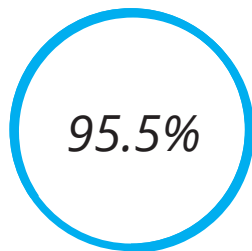
Safeguarding

Durham School is committed to promoting the safeguarding of children and expects all its employees to share this commitment. Any job offer will be made subject to satisfactory checks, including an enhanced DBS disclosure.

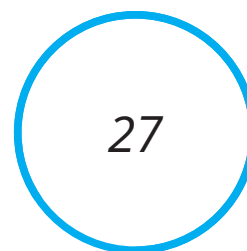
Equal Opportunities

Durham School is an equal opportunities employer and welcomes applications regardless of age, gender, race, religion, disability, or sexual orientation.

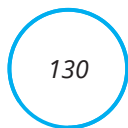




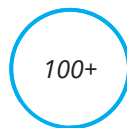
**A*-C AT
A LEVEL
IN 2020**



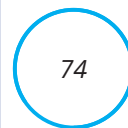
**A BROAD
CURRICULUM
OF A LEVEL
SUBJECTS**



**SPORTS
TEAMS**



**CO-
CURRICULAR
ACTIVITIES**



TEACHERS



**TOTAL STAFF
TO PUPIL
RATIO**





72.8%

**GCSE
(6-9) A* - B
IN 2020**

TOP 9%

**UK
SCHOOLS
FOR VALUE
ADDED**

Our School





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Durham
DH1 4SZ

www.durhamschool.co.uk

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