**Lead teacher of mathematics**

Erasmus Darwin Academy is a non-denominational and non-selective Academy, welcoming students of all backgrounds from our local community. Our mission is very clear. To provide ‘Excellence for All’ and to equip students with the knowledge, skills and character in order to prepare them for life in modern Britain. We are incredibly ambitious for our students and believe that providing students with endless opportunities will turn them into confident and determined young people. Our students’ achievements at EDA go beyond the Academic, their achievements as a person are just as important. All students, staff and families support this mission and work hard to make it come alive.

At Erasmus Darwin Academy, every teacher has the right to teach and every student has the right to learn. Our curriculum is broad, balanced and aspirational for all students. Our Academy values are lived and not just laminated. All students are here to learn; reading, writing and oracy are at the heart of our daily curriculum. Our students are taught to be confident, articulate and determined throughout their learning experiences and daily interactions with staff and peers. Our Academy’s Personal Development offer is extensive and extra-curricular activities form a huge part of our CARE curriculum. Our students are specifically taught how to behave via a well-designed behaviour curriculum.

The development of our staff is core to our well-being strategy and central in ensuring that we are able to deliver our mission. We will offer you:

* High standards and high expectations whilst ensuring workload is balanced
* Professional development opportunities to develop both pedagogy and leadership
* Friendly and supportive staff body
* Highly compliant and polite students
* A work laptop
* Increased non-contact time to allow for further lesson planning and preparation
* Increased leadership time if you are applying for a leadership role
* Friendly cover arrangements
* A visible and supportive Senior Leadership Team
* A collective team of staff working under our mission to improve the Academy further

The successful candidate must demonstrate a strong passion for working with young people and a genuine desire to improve their life chances. They must demonstrate their understanding in the pedagogy of teaching and learning, alongside the skills required for effective classroom management. All candidates must demonstrate their commitment to ensure our students develop as young people and secure the best outcomes possible for their future.

We are seeking to appoint a well-qualified, effective and enthusiastic specialist Lead Teacher in Mathematics to join us at this highly successful, heavily over-subscribed school which is firmly established as one of the highest performing secondary schools in the region (and in the top 10% of schools nationally). We gained ‘Good’ in our 2023 Ofsted inspection and as part of the Local Authority’s quality assurance strategy, we have gained Category 1 status, which is the highest category of school performance, for five years running.

We gained ‘Good’ in our 2023 Ofsted inspection and the following quotes were made by the Inspection Team:

‘Leaders across the school have high expectations for pupils’ academic achievement’

‘Leaders have placed pupils’ personal development at the heart of their curriculum. This means that pupils are well prepared for life in modern Britain’

‘Low level disruption is very rare, and pupils understand leader’s expectations’

‘Leaders in the school have a clear and precise understanding of the provision and priorities for development. They promote an honest and transparent relationship with all staff’

‘Staff take a proactive approach to ensure that all pupils are kept safe. They are tenacious in following up concerns’

‘Leaders are clear about what they want pupils with SEND to achieve’

‘Teachers have good subject knowledge, and support pupils well to learn the curriculum’

‘100% of EDA staff who completed the Ofsted questionnaire stated they were happy to work at EDA’

Mathematics is a fundamental part of our children’s education. All students study Mathematics until the end of Year 11 and we have a healthy uptake of Mathematics in the Sixth Form. We offer a number of extra-curricular Mathematics activities and ensure that our students are exposed to STEM opportunities where possible.

We invite applications from excellent classroom practitioners who can motivate, engage and inspire our students and work collaboratively with colleagues. **This position is not suitable for ECTs.**

In return, we offer an incredibly positive working environment, passionately believing that our human resources are our most important and valuable resources. Therefore, our staff wellbeing strategy is at the heart of our ongoing improvement work, meaning that middle and senior leaders are committed to ensuring that all staff are happy, cared for, listened to and professionally equipped to fulfil their role to the highest possible standard. Furthermore, opportunities for career progression regularly arise, with the Academy having an excellent record of training and developing our own teachers and leaders from within.

Salary: Pay range between £30,000 - £46,525 plus a TLR payment of £5,346 per annum according to the Academy Pay Policy.

We welcome visits, arranged via appointment using the email address below, from prospective applicants at the following times:

* Friday 12th April 14:15pm – 15:00pm
* Thursday 18th April 9:10am – 10:10am

**CLOSING DATE: Monday 22nd April 2024**

**START DATE: 1st September 2024**

To apply for the post, please complete the application form and return to the Headteacher’s PA, Miss Jade Skelding, either by post or email j.skelding@eda.staffs.sch.uk by **Monday 22nd April 2024.**

For further information regarding the Academy, please visit our website: [www.erasmusdarwinacademy.co.uk](http://www.erasmusdarwinacademy.co.uk)

**OUR MATHEMATICS DEPARTMENT**

**Core Mathematics Curriculum (Key Stages 3 and 4)**

In Year 7-9 we have a scheme of learning that builds on the KS2 National Curriculum, which we have designed to be ambitious for all students within the Academy. It allows for exploration of all areas of Mathematics, ensuring that students have a solid understanding before starting their GCSE course. There are opportunities in lessons to not only become fluent in the topic but also to use problem solving skills to deepen understanding. In Years 7-9 students have 7 hours of Mathematics over a fortnight. We follow the Edexcel GSCE course that allows for students to revisit some topics that have been covered in KS3, as well as advancing their knowledge, and introducing new areas topics. We ensure that students have the necessary skills in Mathematics for their next stage whether that be A Levels, college course or employment. In Year 10-11 students have 8 hours of Mathematics over a fortnight.

**Advanced Mathematics Curriculum (Key Stage 5)**

In Year 12 and 13 we study the OCR B (MEI) course, studying calculus, trigonometry, sequences and series, mechanics and statistics. Classes are normally taught by two members of staff with one leading on the statistics element and the other leading on the mechanics element. The course has a focus on problem solving and application of skills. Year 12-13 have 9 taught hours over the fortnight with students expected to do independent study as well as work in class.

**Extra-curricular Opportunities**

In the past the mathematics team have taken the opportunity to take students to university visits, some examples being Forge Your Future STEM days at University of Birmingham as well the Big Maths Quiz.

**Facilities**

The Mathematics Department have 7 dedicated classrooms each with a projector and Smart Board/Smart TV in each room. There are also a number of visualisers within the department for staff use and sets of mini-whiteboards in each room. We have invested in the ‘Pearson Maths Progress’ textbooks for Key Stage 3 and the Collins GCSE textbooks for Key Stage 4, all students in Key Stage 5 are supplied with a textbook. To help support with planning and workload, the Mathematics Department have subscriptions for a number of websites such as White Rose Maths, Go Teach Maths, Mathsbox and Dr Frost Maths which is also used for setting of homework as well as a dedicated Mathematics Google Drive for the sharing of resources.

**Staffing**

Our current Mathematics Team consists of the following staff:

* Mr Daniel Conolly (Subject Leader), Mr James Martin (Lead Teacher), Mrs Elizabeth Parks (Lead Teacher) Mrs Emily Littler (Head of House), Mr Tom Green, Mr Phil Kilvert, Miss Jennifer Griffiths, Mrs Julie Clayton (Part-time) and Mrs Frances Vickers (Part-time)

**Outcomes in Mathematics**

Our attainment outcomes in Mathematics can be seen in the table below.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Mathematics**  | **EDA 2019** | **EDA 2021** | **EDA 2022** | **EDA 2023** |
| Mathematics (Grades 7-9) | 24% | 28% | 21% | 17% |
| Mathematics (Grades 6-9) | 42% | 46% | 45% | 36% |
| Mathematics (Grades 5-9) Strong Pass | 62% | 64% | 70% | 57% |
| Mathematics (Grades 4-9) Standard Pass | 82% | 82% | 87% | 79% |

**The 2023 validated data set outlined that our Mathematics attainment was significantly above the national average. Our Mathematics Progress 8 score was +0.1.**

*The Trust is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment. This post is subject to a ‘disclosure’ check under the Rehabilitation of Offenders Rehabilitation of Offenders Act 1974. Further details regarding this check are available from schools or by visiting www.gov.uk/government/organisations/disclosure-and-barring-service*