



# **APPLICATION PACK**

## **DIRECTOR OF MATHEMATICS**





Dear Applicant

Thank you for your interest in the post of Director of Mathematics at our School. This is a new post, created by the Governing Body in recognition of the crucial role of Mathematics and the Maths Team in improving the life chances of our students. The School has secured a top 10% progress score, as measured by value added, for the past four years and the successful applicant will play a key role in maintaining and building on this performance.

Heston is a high performing, fully inclusive and comprehensive Community School, with approximately 1250 students including 270 in our Sixth Form. Occupying approximately ten acres, adjacent to Osterley Park, the School boasts its own leisure centre and fantastic sports facilities, including several multi-surface pitches and a specialist Centre for the Hearing Impaired, serving Hounslow and the surrounding Boroughs.

This is an exciting time to join the Leadership Team with a new Headteacher and the inclusion of Directors for Mathematics, English, Science and the Sixth Form. Student Outcomes at the School are strong at KS4 and improving at KS5. However, some key groups and subjects are not achieving as strongly as they should be considering our cohort – providing the successful applicant the opportunity to make immediate and measurable impact.

I trust that the advert and person specification make clear that, first and foremost, we are looking for an exceptional Teacher of Mathematics who can demonstrate a strong track record of delivering excellent academic outcomes - a colleague who can build a cohesive team and develop pedagogy.

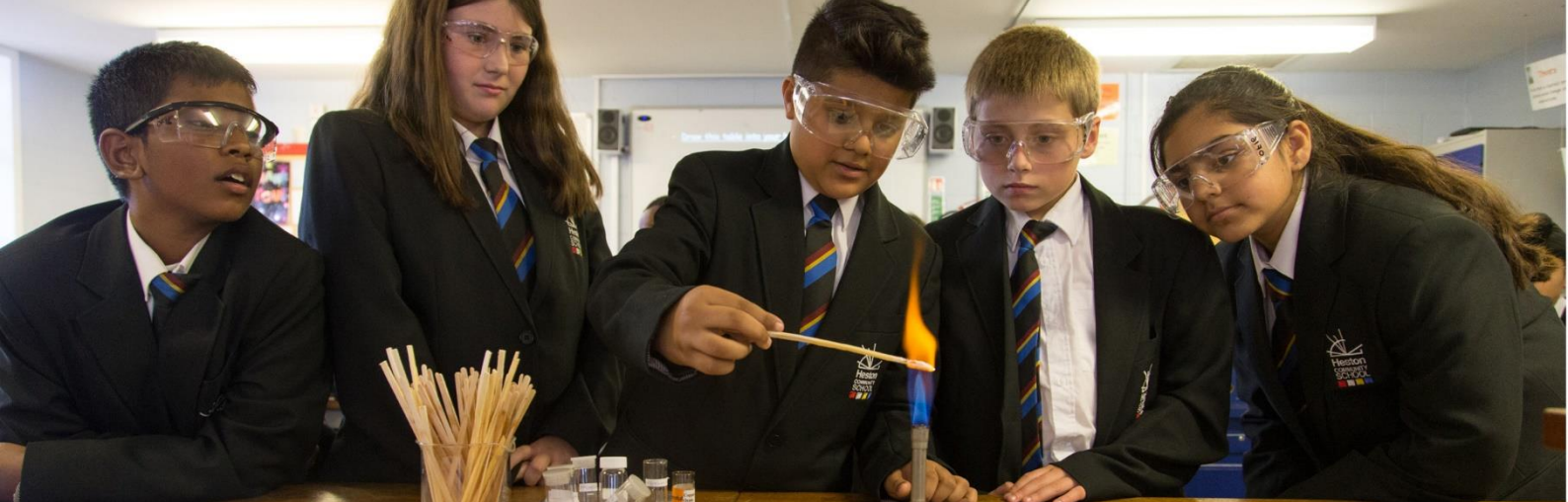
As with every application pack, it is near impossible to capture definitively the nature and character of the School or the full extent of the role for which you are applying. However, the key qualities that we are looking for in every leader are intelligence, integrity and a capacity for sustained hard work - professionals that never shy away from rolling up their sleeves to ensure that no member of the School community ever feels that they must work in isolation.

Though I appreciate it is not always possible, I would encourage you to visit the School prior to making an application, to see for yourself the community of staff and students you would join. I am confident that you will experience what many of our visitors comment on: 'Students enjoy coming to school, work hard and have excellent relationships with their teachers.' [Ofsted 2016]

Yours sincerely

Mr Ranjit Berdesha  
Headteacher





Heston is a high performing School that consistently achieves a Value Added score that places it in the top 10%, or better, of schools nationally. The tables below provide a summary of our Key Stage 4 and 5 examination results

#### KEY STAGE 4

Progress 8 Score	2015	2016	2017
Whole School	0.74	0.47	0.80
English Element	0.49	0.23	0.78
Maths Element	0.22	0.09	0.72
EBACC Element	0.85	0.7	0.87
Open Element	1.13	0.67	0.71
<b>Attainment</b>			
9 – 4 EM	55%	64	76%
9 – 5 EM			50%
5+ Standard Passes Incl. EM	55%	68%	74%
5+ Good Passes Incl. EM			50%
Ebacc	19%	42%	27%

#### KEY STAGE 5

A* - B	47%	47%	36%
A* - C	77%	73%	67%
A* - E	98%	98%	97%
Vocational Average Grade per entry	Distinction*	Distinction*	Distinction*



## THE MATHEMATICS CURRICULUM AREA

### TEAM OVERVIEW

Heston Community School's Mathematics Team aims to broaden students' horizons and help them develop an understanding of the world and its citizens. Our emphasis is on asking and answering questions, big and small, to develop our students' resilience and thinking skills. The Mathematics Team expects its students to compete with students from any state or independent school to enter onto the best possible degree courses at the most respected universities. Destinations in 2017 included:

Actuarial Science	London School of Economics
Actuarial Science	City University London
Actuarial Science	University of Kent
Mechanical Engineering	University of Portsmouth
Mechanical Engineering	Loughborough University
Mechanical Engineering	University of Southampton
Physics	King's College London
Physics	University of St Andrews
Physics	King's College London
Physics	King's College London
Physics	Queen Mary University of London
Physics	University of Nottingham

### CURRICULUM OVERVIEW

Heston Community School's philosophy that every child matters is reflected in the work of the Mathematics Team. Mathematics [including Further Mathematics] is taught across the age and ability range at KS3, KS4 and KS5. Mathematics pathways remain popular at Post-16.

### STAFFING

The Team is led by a Director of Mathematics who is supported in this role by two Assistant Curriculum Leaders. The Mathematics Team comprises 10.4 full-time teachers. New staff are offered an Induction Programme to facilitate their entry into the life of the School and the community and there is a specific, one year NQT Induction Programme.

### CURRICULUM ACCOMMODATION

The Mathematics Team has a suite of designated teaching rooms in the Sutton Building, equipped with interactive whiteboards.





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