



Wellsway School

Assistant Team Leader: Maths (KS3)



Dear Applicant

Thank you for your interest in this post and for taking the time to read this brochure.

The mathematics team at Wellsway School provides an innovative and supportive environment in which to work. As a school we aim to develop a forward thinking curriculum for our students which balances problem solving with fluency in mathematical processes.

Teaching in the department reflects our aim to stimulate an understanding and enthusiasm for mathematics. The team is well established, extremely well led, very stable and readily supports each other in developing approaches to learning which lead to superb student results.

The post of full time Mathematics teacher at Wellsway has the potential to be a career changing opportunity for you. Whether you are a NQT or experienced teacher, you will continue to grow and develop in our team so that you will enjoy your teaching and the wider experience at our school.

We are committed to achieving our goals and look forward to welcoming the successful candidate as an important member of our team.

In your letter of application and at interview I am particularly looking forward to hearing your views on what you would bring to the Mathematics team at Wellsway School. You may wish to consider how you can contribute to a team where we have:

- Results which are second to none in the local area
- Teaching, learning and student progress as a priority
- A successful and forward thinking team committed to achieving the highest possible standards for our students
- Sixth form learning which is highly respected

I very much look forward to receiving your application. In the meantime please read on for further information about the Trust and Mathematics at Wellsway which I hope you will find useful.

If you would like to know more please contact Stuart Hill (Director of Maths and Numeracy) on 0117 986 4751 or email shill@wellswayschool.com

Yours sincerely

Matthew Woodville
Principal

ABOUT WELLSWAY MULTI ACADEMY TRUST

Wellsway Multi Academy Trust is a recently formed partnership of schools which span the Bristol - Keynsham - Bath area that are now working together to provide a high quality educational experience for all students in their care. It comprises of:

Aspire Academy in Bath is a 4-16 school for children with emotional, behavioural and social needs

IKB Academy is brand new; a 14-19 school specialising in courses related to Science, Technology, Engineering and Maths (STEM) with employer links providing real life contexts for learning

Sir Bernard Lovell Academy has, over the past 10 years, been at the forefront of national 14-19 developments

St John's C of E Primary is an outstanding primary school in the heart of Keynsham

The Bath Studio School is a 14-19 school specialising in courses related to the Creative and Media Industries with employer links providing real life contexts for learning

Wellsway School, a high performing secondary school and sixth form with a long history of success

The Trust's strategic vision

- Wellsway Multi Academy Trust will become a strong local partnership of schools that is cross-phase with a fully inclusive range of provision
- The Trust will build a strong and cohesive identity whilst recognising that each academy within the Trust will have its own unique characteristics
- Collaboration and joint working will ensure that all academies in the Trust can share in, and benefit from, each other's strengths

The Trust's values

Professionalism:	The Trust expects each academy to expect and uphold the highest professional standards in all aspects of its work.
Education:	The Trust's primary purpose is education and priority will be given to allocating resources into the classroom and learning activities.
Inclusion:	The Trust places inclusion at the heart of all its provision and seeks to develop a range of inclusive services to support learners with specific needs.
Economic:	Gaining value for money is central to the Trust's operation and directors actively seek opportunities to develop joint educational provision and shared services across schools.
Strategic:	The directors seek to develop a multi academy trust of optimum size, with economies of scale that create the capacity for the Trust to provide excellent support to all its schools, whilst retaining its local nature
Geographic:	Schools within the Trust will be located within a reasonable driving distance of the hub school, Wellsway, so that school-to-school support is possible
Moral:	Wellsway Multi Academy Trust has been established to support education within the wider local area.

FURTHER INFORMATION

MATHEMATICS, WELLSWAY SCHOOL

As a highly successful department, we strive to always be at the forefront in educational developments. Our electronic Schemes of Learning are well established and span across all key stages. We value these as central documents in teaching and learning ensuring they are constantly under review in light of changing specifications. We have kept up with recent developments in mathematics to evolve our Schemes into 5 year learning journeys for our students and would welcome ideas for developing and extending our range of material.

Key Stage Three

We are committed to our current practice of setting students by their mathematical ability from year 7 at Wellsway. We are therefore able to support all our learners to achieve their best possible outcomes. The students receive 6 hours maths teaching every fortnight, with extra sessions organised for those with the greatest learning need. Topics covered during Key Stage 3 include:

Strand	Year 7	Year 8	Year 9
Number	Number system Fractions, decimals & percentages Types of numbers Ratio and proportion	Ratio and proportion Fractions, decimals and percentages Number review and standard form	Compound measures Rounding and accuracy
Algebra	Algebraic manipulation Functions and graphs Solving equations	Solving more complex equations Inequalities and regions	Quadratics and non-linear graphs
Geometry and Measures	Length, mass, angles and time Area, perimeter and volume 2D and 3D shape	Angles in parallel lines, polygons and bearings Transformations Loci and constructions	Pythagoras' theorem and trigonometry 3D shape
Statistics	Collecting data and statistical methods	Statistical diagrams and methods Probability	Tree diagrams and venn diagrams

Key Stage 4

Our Higher and Foundation students all currently follow the linear Edexcel course for. Our most able students (approx. 60 students in 2016) also have the opportunity to take the AQA Level 2 Certificate in Further Mathematics. We envisage approx. 40 students being entered for this qualification in 2017, as a result of the increased demands of the new 9-1 GCSE. Our teachers demonstrate a high level of commitment to students' progress particularly evidenced by the additional hours we are all prepared to invest in intervention and support for our students. 2016 saw another excellent set of GCSE results and current data suggests at least as strong a performance in 2017. We all strive to work together as an effective team with an appropriate blend of hard work and an all-important sense of humour.

As we are continually mindful of the increasing demands of the GCSE examinations, we realise the importance of ensuring our year 7, 8 and 9 students are well prepared for this more demanding and rigorous qualification. A curriculum review is currently underway to ensure our students make excellent progress in every year of their studies at Wellsway.

Key Stage 5

We currently run the OCR A Level course, with our most able mathematicians also having the opportunity to study Further Mathematics A Level in parallel to their Mathematics course. A typical Post 16 pathway would be:

	<u>Programme of study:</u> <u>Mathematics</u>	<u>Programme of study:</u> <u>Further Mathematics</u>	
Year 12	C1 C2 S1	C1 C2 S1 D1 M1 M2 FP1	AS Mathematics and AS Further Maths Completed
Year 13	C3 C4 M1	C3 C4 S2 D2 FP2	A2 Mathematics and A2 Further Maths Completed

We are also proud of being able to offer the new Core Maths qualification for first teaching from September 2015. We were one of three schools to be chosen by our local maths hub to receive additional funding to develop this new and exciting qualification, and we are looking forward to working closely with the other chosen schools to ensure we are able to offer an outstanding quality of mathematics education to a wider range of our students.

Exam Results

We are very proud of our exam results:

	2016		2015		2014	
KS3			5+	6+	5+	6+
Teacher Assessments			93	84	95	84
KS4	A*-C	A*-G	A*-C	A*-G	A*-C	A*-G
Mathematics GCSE	91	99	90	99.5	85	99.1
KS5	A*-A	A*-C	A*-A	A*-C	A*-A	A*-C
Mathematics	54	93	43	92	47	86
Further Mathematics	50	100	66	89	86	100
	All KS5 students achieved A-E grades					

Enrichment

We offer a range of enrichment activities within the department, including:

- Year 10/11 buddy system for our year 7 and 8 low ability students
- Sixth form buddy system for our year 11 students requiring some additional support
- Participation in the local mathematics masterclasses
- Participation in the UKMT Maths Challenge at Junior, Intermediate and Senior level
- We are a member of the Further Mathematics network and participate in many of their activities and competitions

Current priority areas for the future are:

- Developing a 5 year Scheme of Learning in light of Curriculum changes at Key Stage 3 and 4
- Implementation of a robust and thorough assessment system using life without levels as an opportunity to improve our formative practice
- Develop use of technology in lessons
- Develop our collaborative approach with other schools in the Wellsway Multi Academy Trust and across Bath and North East Somerset
- Develop the Core Mathematics qualification with other local schools
- Develop the new A Level and AS Level qualifications with other local schools
- Continue to research and develop our pedagogical approaches to ensure we offer our students an outstanding mathematics education

What will success look like into the future?

We believe that a successful Mathematics team will:

- Have outstanding teaching, learning and student progress as a priority
- Secure excellent progress at all key stages for all students
- Have excellent communication and team work so that all staff share and understand the vision and how to implement it
- Develop a programme of teacher improvement driven from both inside and outside of the Maths team
- Have a curriculum which is coherent yet inclusive and offers clear progression routes at all key stages
- Ensure that students have access to a broad range of opportunities for learning both in the classroom and outside of it
- Promote a values driven culture that inspires each student to be the best person they can be
- Form partnerships with those who can support our work to help deliver key outcomes

We trust the information provided will encourage you to apply for this exciting opportunity at Wellsway School.