

Primary Mathematics Specialist Teacher Programme

*“The programme had
a direct impact on our
successful Ofsted.”*

Head Teacher

*“The children are much
more engaged and
excited about Maths.”*

Teacher



High Quality subsidised CPD

In collaboration with:

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Transforming lives, inspiring change

What is the Primary Mathematics Specialist Programme?

The mathematics specialist programme is a professional development programme for primary school teachers. Some subsidised funding from central government has been made available to support the costs of this programme and there is now the opportunity for more teachers to engage in this highly successful programme.

What are the Programme aims?

At the end of the two year Masters level programme participants will have:

- A deep mathematical subject and pedagogical knowledge that informs and is informed by their own practice through study, analysis and research
- Developed the collaborative, practice-transfer skills needed to work with colleagues across the school to develop their subject and pedagogical knowledge and to implement improvements in the teaching and learning of mathematics for all children in the school

"Maths is now the favourite subject in school."
Child

What does the Programme offer?

This is a significant opportunity for professional development which will place the participant at the cutting edge of teaching and learning in mathematics. The programme will include:

Higher Education Institution (HEI) face-to-face training

This will consist of the equivalent of 30 hours per year delivered outside of school time including a two day residential, followed up with directed tasks and assignments such as reading, mathematical activities, classroom research and online debate. A professional learning log will be maintained which will capture progression and development.

Local network meetings

These will complement the HEI face-to-face training and will capitalise on the expertise of local consultants. Network meetings will be delivered half termly (six per year).

On successful completion of the programme participants will receive:

- Acknowledgement that participants have met the requirements expected to receive Mathematics Specialist Teacher accreditation
- The award of 60 Masters level credits

"It has totally changed my thinking and practice."
MaST Teacher



What are the benefits to the school?

Schools will:

- Receive high quality subsidised CPD
- Generate potential to enhance the quality of learning and teaching of mathematics across the school
- Support the drive to raise standards of achievement and attainment
- Extend possibilities for the sharing of best practice in mathematics learning and teaching
- Be able to provide opportunities for colleagues to be coached and supported in their teaching of mathematics

"It has been the most inspirational training I have ever done."
MaST Teacher

Who should apply?

Any qualified teacher working within a primary school setting is eligible to apply. They do not necessarily need to be a leading mathematics teacher or a mathematics co-ordinator, but will require the recommendation and support of their head teacher.

Where the school already has a teacher on the programme, a second will be considered, however priority will be given to those schools without a mathematics specialist teacher.

The following criteria will be applied in the selection process:

- Evidence of good teaching skills
- An enthusiasm for mathematics and a desire to develop
- A commitment to the demands that the programme will make
- The full support of the school

Who is providing the Programme?

The University of Northampton is leading the Programme in collaboration with Bishop Grosseteste University College Lincoln, Nottingham Trent University, the University of Bedfordshire, the University of Derby, the University of Hertfordshire and local consultants and Local Authorities including Bedford Borough, Cambridgeshire, Central Bedfordshire, Derby City, Derbyshire, Hertfordshire, Leicester City, Leicestershire, Lincolnshire, Luton, Milton Keynes, Norfolk, Northamptonshire, Nottingham City, Nottinghamshire, Peterborough, Rutland, Suffolk and Warwickshire.

If you wish to find out more about the programme, we will be holding a number of after school taster sessions on the following dates.

Monday 30th April, Northampton
Thursday 3rd May, Norfolk
Tuesday 8th May, Beaumanor
Wednesday 9th May, Huntingdon
Tuesday 22nd May, Luton
Tuesday 22nd May, Worksop/Retford
Thursday 24th May, Eastwood
Thursday 24th May, Ipswich
Monday 28th May, Bedford
Thursday 31st May, Hertfordshire
Thursday 31st May, Warwickshire

To book a place on a Taster Session or for further information on costs and an application pack please email msp@northampton.ac.uk or contact Julie Bedster, MSP Administrator, on telephone **01604 892845**.

"The schools SATs results have significantly increased."
Co-ordinator

The approach the programme has taken directly supports the new 2012 grade criteria for achieving the highest grades in mathematics, where:

Pupils understand important concepts and are able to make connections within mathematics. They develop a broad range of skills in using and applying mathematics. They show exceptional independence and take the initiative in solving problems in a wide range of contexts, including the new or unusual. They think for themselves, and are prepared to persevere when faced with challenges, showing a confidence that they will succeed. They embrace the value of learning from mistakes and false starts. When investigating mathematically, they reason, generalise and make sense of solutions. Pupils show high levels of fluency in performing written and mental calculations and mathematical techniques. They use mathematical language and symbols accurately in their work and in discussing their ideas with others.

They develop a sense of passion and commitment to the subject.
(reference)





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Park Campus
Boughton Green Road
Northampton NN2 7AL

Web www.northampton.ac.uk/msp
Email msp@northampton.ac.uk

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