

Maths Hub opportunities

Develop your career in Maths, secure funding for the development of teaching for Maths mastery, find support for embedding number sense in Early Years and KS1, and find out more about the options for studying Maths post 16.

Recruitment opportunities

Kent & Medway Maths Hub has an extensive community of Local Leaders of Mathematics Education, who facilitate the professional development opportunities and support our vision to develop and enhance leadership expertise across the region.

If you are looking for the next step in your teaching career, NCETM is recruiting for the following professional development opportunities, designed to develop teachers as experts in teaching for mastery, leading professional development and supporting school development.

Find out more and apply via the link below (deadline 31 March)

<https://www.ncetm.org.uk/news/recruitment-open-for-maths-professional-development-leadership-opportunities/>

A growing number of schools in our region (and across the country) are working with Maths Hubs to develop, enhance and sustain good maths teaching via our funded [teaching for mastery programme](#). Applications are now open for all state primary & secondary schools, join a discovery event to find out more.

Primary:

Online briefings: 7 March & 23 May, 4-5pm [register](#)

Dr Debbie Morgan: 21 April, 9-11:30am register [register](#)

Secondary:

Online briefings: 1 March & 26 April, 4-5pm [register](#)

Open classroom: 28 April, 9-11am [register](#)

Developing Number Sense in Early Years and Key Stage 1

Many Kent primary schools have enrolled in the Mastering Number programme that is facilitated by the NCETM and funded by the DFE. We are now working with the third cohort of schools and can already see the impact in classes. Feedback from schools that have participated in the programme has highlighted the impact on the children's love of learning maths as well as the development of number sense. Children are able to apply their understanding in their learning and are far more confident to talk about their reasoning.

This programme is targeted at children in reception, Years 1 and 2 and is focused on the development of fluency in early number skills. The children focus on developing skills in cardinality and counting, subitising, comparison and composition of numbers. The main focus is on numbers up to 10 with the idea that the children think deeply about small numbers and have big ideas about

maths. There is also a strong focus on mathematical vocabulary and communication with stem sentences used throughout the resources.

Alongside a suite of high-quality materials, there is also a focus on the development of subject knowledge for teachers in these years. There is an expectation that schools will provide a daily teaching session for all children for 10 to 15 minutes, in addition to their normal maths lesson. Teachers are invited to a termly national online training event led by specialists from NCETM as well as local sessions run by the local workgroup lead. Through these sessions, teachers develop a secure understanding of how to build firm mathematical foundations as well as the importance of intentional teaching to develop number sense. Teachers are also encouraged to consider the representations and manipulatives they use such as tens frames and rekenreks.

Mastering Number is an opportunity for schools who are working within the Teaching for Mastery pathway.

Studying Maths to 18

The Prime Minister got everyone talking about maths education recently by re-visiting the idea that all pupils should continue to study maths until age 18. Given the challenge schools already face in recruiting specialist maths teachers, this is an ambition that will likely be difficult to realise. However it is already the case that 16 to 18 year olds in our region have the opportunity to study a range of maths courses in their school or college. Many pupils take on the challenge of Maths at A Level or as part of the International Baccalaureate qualification, some even take two Maths A-Levels by adding Further Maths.

There is another, less well known, but highly regarded, Level 3 course offered by a number of schools and colleges in the region, Core Maths. Studying Core Maths helps students develop their quantitative and problem-solving skills. It has been specifically designed with employers, universities and professional bodies to increase the employability of school leavers and apprentices.

Finally, there are the pupils who continue to work towards reaching a Grade 4 in GCSE Maths.

Kent and Medway Maths Hub offer professional development opportunities to teachers to support the delivery of this range of post-16 maths qualifications.