

Primary Subject Knowledge Enhancement (SKE)

Information Sheet

NCP18-20



Overview

There is more to subject knowledge than being able to do the maths yourself. The Primary SKE Work Group develops primary teachers' mathematical subject knowledge so they can understand, teach and support pupils effectively. A key focus is not only improving the participants ability to 'do' mathematics but also to ensure they have the appropriate pedagogical knowledge to teach their pupils well.

Work Groups will explore maths in depth, making connections between topics and concepts. Participants will also work collaboratively, led by a local leader of maths education (LLME) to develop deep and secure subject knowledge and appropriate pedagogy.

Who is this for?

All primary teachers. It is most suitable for those with 2+ years' experience.

What is involved?

- 3 x full day workshops across Academic Year 2018 – 2019 (Programme dates overleaf)
- Independent study and setting-based work including gap tasks and evaluation
- Online discussion as part of a professional community

Intended Outcomes

As a result of this project, participants will not only be able to 'do' mathematics but will also have the appropriate pedagogical knowledge to teach their pupils well. Teachers will develop both their knowledge about mathematics and knowledge about the teaching of mathematics, developing better pedagogy and being aware of how pupils learn and how to teach the content most effectively.

Classroom practice will develop through participants' engagement with gap tasks between meetings, trying out activities with their pupils to promote understanding, reasoning and fluency. Planning for teaching, learning and assessing will be improved.

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The wider context

Collectively, the network of Maths Hubs across England work on projects around national maths education priority areas. One of those priorities requires Maths Hubs to provide high quality training in teacher subject knowledge in mathematics, and to ensure that pedagogy is closely linked with subject knowledge. Each Maths Hub participating in a national project runs a local Work Group, where teachers come together over a period of time to work on areas defined by the project. All Work Groups are subject to a common evaluation process, which collectively provides a body of evidence on the project's outcomes. So, your participation in this Work Group will contribute to your own professional learning, and that of your school colleagues, as well as making a contribution to the improvement of maths education at a national level. This Work Group extends work started in the 2017-2018 national project of the same name.

Expectations of participants and their settings

Participants are expected to be working as classroom teachers. All participants are expected to attend all the sessions and complete gap tasks in their schools between the sessions. They will also be asked to keep a learning log for their own use and contribute to the national evaluation process, probably through a short online survey after the Work Group has finished.

Funding

The programme is offered free to all state-funded primary schools.

Programme Dates

To make the programme accessible for schools across our whole region, we are running 4 cohorts. All dates are 9.30am arrival for 10am start, finishing at 3pm:

Cohort 1 - National Centre for the Written Word, South Shields, Tyne and Wear, NE33 1JF

Day One - 15th November 2018, Day Two - 1st March 2019 and Day Three 29th March 2019

Cohort 2 – Metrocentre Marriott Hotel, Marconi Way, Gateshead, Tyne and Wear, NE11 9XF

Day One – 22nd November 2018, Day Two – 8th March 2019 and Day Three 14th June 2019

Cohort 3 – White Swan Hotel, Bondgate Within, Alnwick, Northumberland, NE66 1TD

Day One – 29th November 2018, Day Two – 28th March 2019 and Day Three 27th June 2019

Cohort 4 – Meadowdale Academy, Hazlemere Avanie, Bedlington, Northumberland, NE22 6HA

Day One – 6th December 2018, Day Two – 28th February 2019 and Day Three 20th June 2019

If you're interested, what next? Please book through eventbrite.co.uk using the links below.

Cohort 1 <https://c1primaryske.eventbrite.co.uk>

Cohort 2 <https://c2primaryske.eventbrite.co.uk>

Cohort 3 <https://c3primaryske.eventbrite.co.uk>

Cohort 4 <https://c4primaryske.eventbrite.co.uk>