

Primary Teaching Assistant Subject Knowledge Enhancement (SKE)

Information Sheet

NCP18-21



Overview

There is more to subject knowledge than being able to do the maths yourself. The Teaching Assistant SKE project is designed to develop teaching assistants' subject knowledge in maths so they can support children's learning in the classroom and in small intervention groups.

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 so they are well-equipped to support pupils.

Who is this for?

Teaching assistants in primary schools who support children with their learning of mathematics.

What is involved?

- Five workshops over the year.
- Completion of Work Group tasks and evaluation.

Intended Outcomes

As a result of this project, participants' skills and confidence in the maths classroom will be increased. TAs will develop knowledge of the pedagogy of maths teaching and understand how children think and where their misconceptions stem from. A greater awareness of the three aims of the National Curriculum (fluency, reasoning and problem solving) will be developed. Teaching assistants will understand the role that certain representations, models and manipulatives can play in the development of pupils' understanding of number and calculation, particularly place value and proficiency. Those involved will get better at working within classes and with small groups of pupils; they will gain knowledge of practical ways to apply the skills and understanding developed during the programme.

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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 work in the areas of teacher training and improving subject knowledge of all adults in maths classrooms. 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.**

Expectations of participants and their settings

Participants are expected to be working in a classroom environment and/or involved with individual or small group support and intervention. 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.

Costs

FREE !!

There is no charge for teachers and schools to take part in the Work Group. All course costs are met by Maths Hub funds.

Who / Where / When ?

Work Group Leader: Emma Howell

Where: University Of Gloucestershire

When: 29/1/18 Francis Hall Close (FCH), 27/2/19 (Park), 20/03/19 (FCH), 02/04/19 (Park), 30/04/19 (Park)

Times: Sessions run from 9.15-12.15

If you're interested, what next?

Book a place via the GLOW Maths website www.glowmathshub.com/work-groups