

Developing working partnerships for SEND and mathematics

NCP18-23



Overview

This programme involves secondary schools working together to improve SEND provision for the least able in Years 7 and 8. This Work Group will be composed of teachers from KS3. The group will focus on using engaging and concrete contexts to challenge the thinking of those pupils who are working well below age expected levels of attainment. Participants will explore ways to encourage reasoning and the role of real-life scenarios and responsive questioning to provide a different approach to working with pupils who are struggling to make progress. The pedagogy introduced, and any resources trialled, would support the principles of teaching for mastery.

Who is this for?

All teachers of KS3 Mathematics in mainstream schools. Ideally teachers should have good subject knowledge and at least two years' experience in the classroom. This Work Group would also be suitable for a SENCo in mainstream schools with a strong background in mathematics.

What is involved?

Teachers will improve their understanding of the different areas within SEND and the pedagogy that is associated with working with these students. The sessions focus on one broad theme throughout to enable a greater understanding of the connections within mathematics, and to introduce modelling.

Classroom practice develops through a series of gap tasks where teachers try out activities to promote depth of understanding, reasoning and fluency; consequently, pupils will develop a deeper understanding of the mathematical ideas and be more confident in their mathematics.

- Three days of central CPD and the observation of demonstration teaching.
- A school visit to support the classroom pedagogy and the inclusion of the resources within KS3.
- Independent study and school-based trial of the sample resources provided.
- Online discussion as part of a professional community.

Venue TBC but will be located in the Basingstoke area	
Day 1	17 th January 2019
Day 2	3 rd April 2019
Day 3	10 th July 2019

As part of this work group, Alan will also individually visit each school to provide personalised support.

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 area of subject knowledge enhancement for all teachers of mathematics, which, of course, includes those teachers working with pupils with SEND. 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 schools

Participants should be working with pupils with SEND in a special school. They must be able and willing to commit to participate fully in all elements of the programme.

The participant's school must have the capacity and commitment to support them throughout the programme.

Funding

There is no charge for teachers and schools to take part in this work group. However, £100 will be charged for non-attendance without prior notice.

Who is leading the Work Group?

Alan Edmiston, editor of Equals.

If you're interested, what next?

Please contact info@solentmathshub.org.uk or book through our website: <http://solentmathshub.org.uk>