

Exciting opportunity to join the Work Group developing mathematics for pupils with SEND



Overview

This programme involves mainstream and special schools working together to improve SEND provision in mathematics. Participants will improve their understanding of the different areas within SEND and the pedagogy that is associated with working with these students. They will explore ways to encourage reasoning and the use of manipulatives, providing a different approach to working with SEND students across mainstream and special schools. The pedagogy introduced and any resources trialled, will support the principles of teaching for mastery.

Who is this for?

All teachers and higher level teaching assistants who teach or deliver mathematics programmes within primary, secondary and special schools. Ideally participants should have sound 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 background in mathematics.

What is involved?

- Fun and engaging sessions – linked to practical activities that can be used to support pupils with SEND
- Attending three sessions across the year
- Independent study and school-based work – linked to gap tasks

Last year's participants said:

"The whole course was very informative and I left every session with my head buzzing with ideas."

"Great start for helping where to direct maths for SEND children "

"Great opportunities to talk through and try out practical activities "

"Fantastic visual resources, outstanding multi-sensory activities."

"I have an increased knowledge in the wide range of maths manipulatives that can be used to make maths concepts more accessible."

Intended outcomes

The sessions develop a greater understanding of the connections within mathematics, introduce modelling and contextualised learning.

Classroom practice will be developed 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 mathematical ideas, be more confident in their mathematics and see connections to everyday life.

Expectations of participants and their schools

Participants should be working with pupils with SEND either in a mainstream school or 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

The cost of this Work Group is covered by the CAM Academy Trust maths outreach department. It is free for schools to attend.

Who is leading the Work Group?

Caroline Clissold:

Caroline is an experienced teacher, having taught all years from Yrs R to 6. For nine years, she was the mathematics consultant for Richmond Local Authority responsible for implementing the national numeracy strategy and subsequently the renewed version into local schools. She worked with the National Centre for the Excellence of Teaching in Mathematics as a coordinator and then Maths Hub link advisor for nine years.

Anne Haberfield:

Anne is Deputy Head at Castle School in Cambridge. She has key responsibilities for developing Teaching and Learning throughout the school. Having taught in both Mainstream and Special schools she has extensive experience in curriculum development and design. She has particular skills in using innovative ways of delivering a curriculum to hard to reach pupils. Anne has been working with Cambridge Maths hub for Five years.

If you are interested, what next?

Dates:

Cohort 1:

29th January 2021

12th March 2021

7th May 2021

Cohort 2:

5th February 2021

19th March 2021

14th May 2021

Time: 9am to 3pm with breaks in between

Venue: Online via zoom

Book via admin@cambridgemathshub.org