

Improving

MATHS KS2 and KS3

Brought to you by the Eastern Research Schools in collaboration with Norfolk and Suffolk Maths Hubs, a course designed to support primary and secondary schools to implement the recommendations of the EEF's Improving Maths in Key Stages 2 and 3 Guidance Report.

What is it?

Based on the EEF's guidance and rooted in the latest research, this professional development programme will help you improve maths teaching across Key Stages 2 and 3, pupil progress, and both KS2 and GCSE outcomes.

Over three full-day workshops, participants will develop a deep understanding of what the research says makes for effective teaching of Maths, and apply this in their schools. This is a great opportunity for affiliated primary and secondary schools looking to collaborate and align their Maths curricula.



£450 per
MAT
team of
two

£295
per
person

Outcomes of the programme

- Evaluate current practice in light of the evidence.
- Explore use of misconceptions, manipulatives and representations, pitch and progression, metacognitive strategies for maths problem solving.
- Develop an evidence-informed implementation plan for maths teaching in your school(s).
- Increase collective capacity for Maths Leadership and future collaboration in Norfolk and Suffolk.

Who should take part?

This programme is aimed at Maths subject leads, KS2/KS3 phase leads, SLEs and regional Maths trainers.

Research Schools Network | Institute for Effective Education | Berrick Saul Building | University of York | Heslington | York | YO10 5DD



Course outline

Day One 8.45am-3.15pm

- Unpack and interpret the EEF guidance report
- Audit current practice in your school(s)
- Examine KS2/3 progression with a focus on fractions

Day Two 8.45am-3.15pm

- Consider a variety of manipulatives and presentations
- Unpack and interpret the EEF guide to implementation
- Plan for implementation in your school(s)

Day Three 8.45am-3.15pm

- Recognise and plan for types of problem
- Evaluate the use of worked examples
- Evaluate teacher modelling of Maths problems
- Develop strategies to strengthen the relationship between teacher questioning and pupil reflection

The Eastern Research Schools are delighted to be collaborating with the Norfolk and Suffolk Maths Hubs, and the region's Teaching Schools, to bring you this training.

The training will also feature input from **Chris Dale**, senior regional leader for the National Centre for Excellence in the Teaching of Mathematics (NCETM).

Commitment from you

- All participating schools will need to sign a memorandum of understanding to sign up to the course.
- The Maths subject lead will need to attend all three training days
- Senior leads from participating schools who line manage Maths, will additionally be expected to participate in Day One of the training.
- Schools will need to provide time and support for the Maths leads to undertake gap tasks between training sessions.

Dates and booking

- Separate cohorts will run in Norwich and Ipswich, for the convenience of participants.
- The Norfolk cohort will train on: **Wed 13th February, Mon 1st April, Mon 1st July**
- To book your place on the Norfolk cohort: bit.ly/MathsNor
- The Suffolk cohort will train on: **Mon 25th February, Tuesday 2nd April, Friday 5th July**
- To book your place on the Suffolk cohort: bit.ly/MathsSuf
- If you have any questions about this event, or about the work of the Eastern Research Schools, please get in touch: swaters@ndhs.org.uk