

All Phases: Working Partnerships with ITT Providers

OUTLINE

This project is designed to further develop the ongoing liaison between ITT providers and their local Maths Hubs. During this year-long project, there will be opportunities to explore and share current mathematical developments and consider their implications for ITT providers and Maths Hubs in order to help trainees transition into teaching mathematics effectively. As this project moves into its third year, it builds upon the best practice of ITT providers and Maths Hubs who are continuing to develop ways of working together to support ITT trainees as they start their career.

DETAILS

WHAT IS INVOLVED?

- Local network meetings leading to partnership work focusing on key issues for the group e.g. ITT core content framework, strengthening understanding of mastery pedagogy, progression into Early Career Framework etc.
- Local network meetings that review the principles of teaching for mastery, share ITE units that focus on this (new for 20/21), consider adapting them for local use and how they sit within a wider maths programme
- Working with those delivering maths provision to observe lessons with Mastery Specialists to then review implications for provision
- Developing the subject specific expertise of mentors to support trainees in mastery-related maths lesson design.

WHO CAN APPLY?

- Lead participants from the ITT community should be directly involved in ITT with a responsibility for maths. It is expected that these participants will represent the various ITT providers across the hub region so may include - HEI, SCITT and School Direct, represent different phases of ITT including EYTS, QTS (primary and secondary), and Post-16

WHAT ARE THE EXPECTATIONS?

- It is likely that the Work Group activity will involve a mixture of both online activity and face to face sessions.
- By joining the Work Group it is expected that Institutions must be able to commit to the full academic year's programme.
- This group of professionals will collaborate to identify how they can mutually support each other to ensure trainee teachers are well equipped to understand the principles of best practice in the learning and teaching of maths in their relevant phase.

COVID RECOVERY

The school year 2020/21 will be substantially affected by the impact of the coronavirus outbreak. The knock-on effects on school life and teachers' working lives can't be predicted with any certainty. So, all Maths Hubs work will be flexible and adapt to changing realities. There's likely to be more live online collaboration, often including use of video, for example. In addition, Work Group content will be adjusted to address schools' recovery from coronavirus-related disruption alongside work on the central maths subject matter of each project.

WHAT IS THE COST?

The project is fully funded through the Maths Hub programme so is free to participating institutions.


WHO IS LEADING THE WORK GROUP?

Jayne Ireland - Maths Hub Lead
Deliah Pawluch - Senior Lecturer, NTU
Vivien Townsend - Maths Lead,
Leicester/Leicestershire Primary SCITT

HOW TO APPLY

 www.ememathshub.org

 enquiries@ememathshub.org

 01636 817 377

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ADDITIONAL INFORMATION

INTENDED OUTCOMES

Participants and their institutions will -

- deepen understanding of, and involvement in, the work of their local Maths Hub and the Maths Hubs Network, along with their knowledge of the principles of teaching for mastery and how they relate to classroom practice
- review practices and programmes, aiming to ensure trainees have some understanding of lesson design informed by mastery principles
- develop planning which includes reference to the principles of teaching for mastery and is further enhanced by opportunities to observe Mastery Specialists' lessons with a follow up discussion.

THE WIDER CONTEXT

One of the strategic goals of the Maths Hubs Programme is for Maths Hubs to work with a range of partners to ensure there is effective initial training of new teachers of maths in primary and secondary schools, so that they have the specialist knowledge required to support the learning of maths. These Work Groups are therefore needed to support sustained best practice networks between ITT providers and local hubs with a focus on teaching for mastery. This project is designed to learn from the research-informed practice and the expert knowledge of experienced ITE providers, to develop approaches where that knowledge informs the wider work of the hub by enabling opportunity for collaboration and professional discussion of practices across ITE providers.

SESSION DETAILS

MEETING 1 Come along prepared to share your most helpful or effective strategies for online provision
 Monday 2nd November 2020 (5pm for 1 hour)

Focus: Sharing the tools we've used for successful online working in mathematics education in ITE

MEETING 2 (research) Preparatory materials will be provided one week before the meeting
 Wednesday 9th December 2020 (5pm for 1 hour)

Focus: Dr Cath Gripton, Pattern and Structure in Early Years Provision

MEETING 3

Monday 18th January 2021 (5pm for 1 hour)

Focus: Supporting link tutors and in-school mentors - mentoring trainees in mathematics teaching, learning and assessment

MEETING 4 (research) Preparatory materials will be provided one week before the meeting
 Tuesday 2nd March 2021 (5pm for 1 hour)

Focus: Dr Alison Godfrey, Influences on early career primary teachers' teaching of mathematics

MEETING 5

Tuesday 4th May 2021 (5pm for 1 hour)

Focus: Dr Marc North, KS2/3 transition

MEETING 6 (research) Preparatory materials will be provided one week before the meeting
 Tuesday 15th June 2021 (5pm for 1 hour)

Focus: Dr Vivien Townsend, Teacher beliefs and pedagogical choices

