

Lesson Design

Primary Teaching for Mastery focused issue

Work Group Information Sheet

NCP 19-12



Overview

Refining understanding of good lesson design, and being able to use resources well, is a crucial element in developing teaching for mastery. Teachers in this Work Group will work together to plan exemplar lessons (drawing on new Mastery Professional Development Materials produced by the NCETM and Maths Hubs, and other sources of mastery resources for the classroom including textbooks) and in so doing will improve lesson design across their school.

The project will also make use of the planning guidance created in previous projects to update and extend it, and it will be informed by the work of the 'Planning opportunities for Greater Depth' project in 2017/18 and 2018/19.

Who is this for?

Schools and individuals that have made a significant commitment to teaching for mastery in their curriculum planning are invited to nominate two teachers for the Work Group. It is recommended that schools have participated in a TRG Work Group, but this is not essential. One of the teachers attending the Work Group should be in a middle or senior leadership role (ideally the Maths Lead), with experience and expertise in teaching for mastery. It will also be suitable for schools that have taken up textbook match funding and are looking for support with good use of the new

What is involved?

Participants attend **three 30 min – 45 min online meetings** between 7th May and 21st May.

Session 1: Thursday 7th May 2020 10am – 10.30am

Session 2: Thursday 14th May 2020 10am – 10.45am

Session 3: Thursday 21st May 2020 10am – 10.30am

There is a short pre-Workgroup task which involves you observing one of the NCETM PD Material videos as well as three intersessional tasks.

Intended Outcomes

Participants should gain a deep understanding of the elements of effective lesson design and how the big ideas of mastery influence this, particularly regarding small steps of learning. They will be able to make good decisions about what to include or leave out, and when to supplement the materials with their own.

Teachers are expected to share their learning with others teaching maths in their school, and that this will influence the whole school's maths lesson planning.

Primary TfM Focused Issue: Lesson Design

The wider context

The Maths Hubs Network, across England, works on national projects by running local collaborative Work Groups of teachers around national maths education priority areas. One such priority is to embed maths teaching for mastery across primary schools. Significant national funding has been committed to resourcing this development with textbooks and the NCETM Professional Development Materials. This national project exists to support effective use of these emergent teaching for mastery resources in lesson planning. It builds on the work of the 2017/18 and 2018/19 projects using planning guidance developed by those projects.

Work Groups use a common evaluation process, which collectively provides a body of evidence on the project's outcomes. Your participation in this Work Group will contribute to your own professional learning, and that of your colleagues, as well as contributing to the improvement of maths education at a national level.

Expectations of participants and their schools

In general, participants should:

- ✓ Ensure they have support of their school and attend **all** the online workshops.
- ✓ Engage in pre-work group materials and surveys.
- ✓ Engage fully and professionally in the workshop activities.
- ✓ Be mindful to maintain the trust and confidence of the Work Group, understanding the different contexts of each individual participant.
- ✓ Participate in the intersessional tasks.
- ✓ Complete the evaluations required by the Work Group.

Funding

There is no charge for teachers and schools to take part in this Work Group.

Who is leading the Work Group?

Adelle McCarthy is a teacher and Deputy Head at Weston Park Primary School in Hornsey, North London. She is a Mastery Specialists for London Thames Maths Hub as well as an NCETM accredited Professional Development Lead.

If you're interested, what next?

For more information please contact:

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