

Teaching for Mastery (Primary): What Makes an Excellent Lesson Design?

NCP17-08b



Overview

Refining teachers' understanding of lesson design is a crucial element of 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 NCETM/Maths Hubs) and in so doing will improve lesson design across their school.

Who is this for?

Schools that have made a significant commitment to teaching for mastery in their curriculum planning are invited to nominate two teachers for the Work Group. One of these should be in a middle or senior leadership role (ideally the Maths Lead) with experience and expertise in teaching for mastery. Schools that have previously been part of a teaching for mastery Work Group and are looking for ways to continue to develop their expertise in this area would be particularly suitable.

What is involved?

Approximately 1 day per term attending a local workshop to: share understanding of key elements of lesson design; become familiar with the Mastery Professional Development Materials; agree planning format; discuss and review progress; and evaluate the project. In between these meetings, schools will work in pairs to plan and deliver lessons, and then observe each other where possible, with a focus particularly on the small steps required in teaching for mastery. They would also collate evidence of working with the new materials.

Intended Outcomes

We expect that, by the end of the Work Group:

- Teachers will have a deep understanding of the elements of effective lesson design
- Participant schools will create their own 'planning for mastery document' which articulates the expected journey for maths planning in their school.
- Children from participant schools will feel more engaged with the subject and therefore make better progress

A selection of lesson plans, approved by the NCETM, will be published alongside the Mastery Professional Development Materials to demonstrate how the materials can be used to develop effective lesson plans.

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The wider context

Teaching for mastery is being developed and embedded in schools across the country, particularly primary schools. The NCETM central team, together with teachers from maths Hubs, has been developing the Mastery Professional Development materials that will be published over the course of the year 2017/18.

This Work Group will support those working on the Professional Development Materials by using the materials in collaborative lesson design to establish sound ways of using them. It is hoped that a selection of lessons produced will be published to give exemplar ways for teachers and schools to work with the materials.

Expectations of participants and their schools

Participants will be expected to attend all workshops. Each pair of colleagues from a school will work with a pair from another school to design, deliver, observe and evaluate lessons as well as discussing progress and actions with the Work Group Lead. Participants will be expected to offer their feedback on the Mastery Professional Development Materials as well as the lessons that they collaboratively design.

Schools will be expected to release two participants for the days required and to support them in providing time for collaborative work with the in-school and partner school colleagues. It is expected that participating schools will be committed to embedding teaching for mastery in their curriculum and will be able to benefit from the participation of their teachers in this Work Group.

Funding

There is no charge for teachers and schools to take part in this Work Group. All costs are met by Maths Hub funds.

Who is leading the Work Group?

Kate Batorska, Deputy Head & Every Child Counts Maths Lead trainer

If I'm interested, what next?

Please email or phone Kate Batorska
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Dates for the Project are:

Monday 30th October 9-12 Workshop 1

Tuesday 2nd January 9-12 Workshop 2

Friday 23rd February 9-12 Workshop 3

Friday 11th May 1:30-3:30 Workshop 4

Participants will also need to arrange one visit to a partner school and host one visit between Workshop 2 and 3, and Workshop 3 and 4.