

Developing Pupils' Journaling during lessons

2019-20 Information and Expression of Interest

The London Central and West Maths Hub are currently recruiting schools to take part in the first year of an innovation Project on **Developing Pupils' Journaling during lessons**. This document provides details of the project and how to apply. The closing date for application is **Friday 19th July 2019**.

The Rationale

Learning Journals are a feature of Japanese and Singapore mathematics classroom practices. They enable pupils to capture the whole journey of a lesson rather than simply the individual practice regularly only kept for pupils' recorded work. The benefits of mathematical learning journals provide them with an aide memoire to prior learning and metacognition skills such as reflective learning, making connections and self-assessment. Using learning journals shifts the attention from the actions of teachers to a shared perspective of learning with the pupils.

The project aims to help enable KS1 & KS2 teachers' to use learning journals in their own teaching. Teachers will work collaboratively using lesson study cycles to design and redesign mini lessons with the goal of considering what the pupils might record so that learning process is captured and not just learning product.

What does the project involve?

The project will involve one half-day day of training, followed by six half-day **lesson studies** across the Autumn 2019, Spring 2020 and Summer 2020, presentation day. Between sessions there will be gap tasks involving trialling the use of the approaches explored in the lesson studies. The workgroup lead will offer support in designing the sequences, demonstrating teaching and orchestrating the lesson study discussions. Participating teachers are expected to work collaboratively, teach a small group in their own and other schools, reflect critically on pupils' learning and their own professional learning. Participants are also expected to host a learning study in their school for the workgroup. This requires allocating a space for the workgroup to gather and for the group teaching sessions to take place. A small subsidy of £100 is offered to schools who are chosen to host to cover any costs incurred.

The project's aims involve supporting teachers to:

- Build on existing teaching for mastery practices to shape lesson episodes that support children to make connections between different stages of a learning journey.
- Learn to consider what is important for the pupils to permanently record as a lesson unfolds.
- Recognise the importance of valuing pupils' own recording and journaling.

The project's aims for pupils to

- Learn to record their learning process not just learning outcomes.
- Learn how to learn with their learning journals, reducing cognitive load
- Be enabled to make choices about how to record their mathematical learning.

- Develop greater meta-cognitive skills that are potentially transferable to learning in general.

Who can apply?

The Work Group is intended for schools that demonstrate a commitment to developing a mastery approach to the teaching of mathematics. This would be ideal for schools who have previously engaged in Teaching for Mastery activities such as Hub work groups and are beginning to make commitments to sustain this approach in their schools.

One or two delegates may attend from each participating school. Ideally, there would be a representative from KS1 and KS2.

What are the expectations of participating schools?

Schools chosen to participate in the Work Group commit to the following expectations:

- The delegates will participate fully in all the workshops: attendance and contributing and leading discussion
- The delegates released to attend the half- day workshop, x6 lesson studies and presentation session, with sufficient time back in school to implement and trial suggested strategies.
- Lead teachers will carry out the gap tasks between the workshops
- Preference will be given to schools who have space available to host at least one Lesson Study for the workgroup (a small subsidy of £100 will be provided per school) which involves space for up to 13 teachers to observe a group of 8 children in a classroom-like environment. Lack of available should not be considered prohibitive to participating in the work group.
- The school senior leadership will support the lead teachers in participating fully in the project and in maximising the benefit to the school and attend the presentation afternoon on 6th July with their teachers.
- Evaluations must be completed after every session and at the end of the project.

Participation in the Work Groups is **free**, but we reserve the right to charge schools for the full cost if participants fail to attend.

How do schools apply to take part?

Schools interested in applying to be part of a Work Group in 2018-19 should complete the expression of interest form below and submit to your Maths Hub. Please email applications to Michelle Foster on michelle.foster@lcwmathshub.co.uk.

The Maths Hub will then make contact with you as to whether you have been successful in getting onto the project.

Expression of interest to participate in Cohort 2 of the project

(Please complete and return to your Maths Hub by Friday 19th July 2019)

Name of school	
School URN	
Maths Hub	
Nominated KS1 teacher, email and NCETM username:	
Nominated KS2 teacher, email and NCETM username:	

Please explain briefly (A maximum of 350 words) why the school wishes to participate in the project Work Group – and strengths in any existing practice in relation to this area.	
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Confirmation of school commitment (electronic signatures)

If we are chosen to participate in the Work Group, we understand and commit to the following expectations:

- The two nominated lead teachers will participate fully in all the workshops
- Lead teachers released to attend three full day workshops and sufficient time back in school to implement and trial suggested strategies.
- Lead teachers released to attend collaborative sessions with other participating schools a minimum of twice during the project
- Lead teachers will carry out the gap tasks between the workshops
- The school senior leadership will support the lead teachers in participating fully in the project and in maximising the benefit to the school.
- The project Work Group Lead will be welcome to visit the school and observe mathematics lessons in which gap task activities are being used in the classroom.

Head Teacher/Senior Leader	<i>Signature of Head Teacher/Senior Leader</i>
Work Group teacher 1	<i>Signature of Work Group Teacher 1</i>
Work Group teacher 2	<i>Signature of Work Group Teacher 2</i>

(Note: When the form is e-mailed, please copy in all signatories as confirmation of their electronic signature)