

## **Lesson Design and Depth for all** **2019-20 Information and Expression of Interest**

The London Central and West Maths Hub are currently recruiting schools to take part in the third year of running this National Project on **Planning for lesson design**. This document provides details of the project and how to apply. The closing date for application is **Friday 15<sup>th</sup> November 2019**.

### **The Rationale**

The project will consider the key elements of mastery and the non-negotiables for effective mathematics lessons. It will focus on developing teachers' understanding of how to adapt existing planning, schemes of work or lessons provided in a textbook and how to effectively create a new lesson from an objective.

Schools plan lessons from a variety of different resources and it is imperative that teachers are able to scrutinize resources and can make suitable, effective changes if necessary. Small steps of progression is a vital aspect of Teaching for Mastery and it ensures that all children in the class can access the content of the lesson and that the lesson journey is suitably progressive.

We would like to offer participants the opportunity to both observe lessons taught in a different setting and work collaboratively with teachers from other schools in order to share best practice and learn from each other. This process frequently occurs in schools in Shanghai and the benefits of it are clear to see.

### **What does the project involve?**

The project will involve three face to face sessions focussing on the key elements of mastery and effective lesson design with **a year 1 and 2 focus**. Teachers will be given the opportunity to observe lessons in these year groups and discuss and evaluate their successes as well as plan tasks and lessons collaboratively. Between sessions there will be gap tasks to allow participants to put what we have discussed into practise, with time allocated on each subsequent day for collaborative sharing of the successes of these changes.

The Senior Leadership Teams of participating schools will need to be willing to allow teachers the opportunity to complete these gap tasks and teach the collaboratively planned tasks or lessons and implement the elements of lesson design that are discussed. For this reason a member of senior leadership is welcome to participate in the project.

### **The project's aims involve supporting teachers to:**

- have a deep understanding of the elements of effective lesson design
- be able to consider how lesson design can have an impact on teacher subject and pedagogical knowledge
- develop their understanding of the big ideas of teaching for mastery and how they are found and used in effective lesson design

- identify what needs to be developed to supplement the information in published materials
- be confident in producing planning for sequential, coherent learning to take place (small steps) to meet the needs of all learners
- plan for opportunities for children to demonstrate they understand a concept at a greater depth than age-related expectations
- share good practice in effective lesson design
- see that collaborative planning is a positive process and becomes a regular part of practice and impacts on lesson design and therefore pupil outcomes

### **The project's aims for all pupils to**

- have access to the maths that allows them to demonstrate a depth of understanding

### **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 the Work Groups and are beginning to make commitments to sustain this approach in their schools.

**It is intended that two delegates attend from each participating school, ideally a year 1 or 2 teacher accompanied by a member of senior leadership.**

### **What are the expectations of participating schools?**

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

- The two nominated lead teachers will participate fully in all the workshops.
- Lead teachers released to attend all workshops and sufficient time back in school to implement and trial suggested strategies.
- 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.
- Fill out the necessary evaluations associated with the workgroup.

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@lcmathshub.co.uk](mailto:michelle.foster@lcmathshub.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 the project

(Please complete and return to your Maths Hub **by Friday 15<sup>th</sup> November 2019**)

Name of school	
Borough	
Nominated teachers for work group	<u>Maths Lead / Middle or Senior Leader</u>
Name	Name:
Email	Email:
NCETM username	NCETM username
	<u>2<sup>nd</sup> Teacher</u>
	Name:
	Email:
	NCETM username
<p>Please explain briefly why the school wishes to participate in the Work Group and how your school currently approaches maths planning. It will be helpful if you address the following questions:</p> <p><b>To what extent is mastery embedded at your school?</b>  <b>- What principles of mastery are embedded?</b>  <b>- How does your school currently plan maths lessons?</b>  <b>- What elements of the project are particularly appealing to the school?</b>  <b>- What do you need specific help with in planning?</b></p>	
Will the headteacher and SLT support the teachers to complete intersessional tasks whilst on this Work Group?	<b>Signature:</b>

### 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)*