

## Subject Knowledge for the Teaching of Mathematics (SKTM) - EYFS **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 'Subject Knowledge for Teaching Assistants'.

This document provides details of the project and how to apply.

The closing date for application is **Friday 22<sup>nd</sup> November 2019**

### **The Rationale:**

As a result of this project, participants will not only be able to 'do' mathematics, but will also have the appropriate pedagogical knowledge to support their class teachers and pupils well.

Participants will develop both their knowledge about maths and knowledge about the teaching of maths, developing better pedagogy and being aware of how pupils learn, and how to support the teaching of the content most effectively. Classroom practice will develop through participants' engagement with gap tasks between meetings, trying out activities with pupils.

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

The project will involve three days of training (from 9:30-3:15pm) and one half day in each other's settings (groups to be decided for this on the first day of the project).

This Work Group will explore young children's conceptual development of early number skills. We will collaborate to review key themes presented in current research ideas and reflect on implications for classroom practice. Sessions will include elements that are practical and fun, capturing the essence of play-based learning. Colleagues will have opportunities to identify the big ideas behind mathematical development and be asked to share findings from class-based gap tasks.

This Work Group is led by Janine Davenall who is a leading EYFS Practitioner and has an MA in EY Maths from the University of Roehampton

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

- Develop knowledge, understanding and experience of reasoning in relation to working with number.
- Develop the teaching assistants' approaches required to increase pupils' experience of number reasoning, language and problem solving
- Develop an understanding of how and where misconceptions can occur, and how to address them.

### **Who can apply?**

Participants are expected to be working with EYFS children, aged 2 to 5 years.

It is aimed at teachers and early years practitioners who are either new to the EYFS, or at an early stage of their career, or wanting to focus on early years maths for professional development.

This Work Group has limited space and therefore each school can only send a maximum of 2 teachers (It can be just 1).

### What are the expectations of participating schools?

- The delegates will participate fully in all the workshops: attendance and contributing and leading discussion
- The delegates will carry out the gap tasks between the workshops
- The delegates will carry out pre and post assessments
- The school senior leadership will support the lead participants in participating fully in the project and in maximising the benefit to the school and ensuring appropriate staff attend the sharing presentation 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 2019-20 should complete the expression of interest form below and submit to your Maths Hub. Please email applications to Charlotte Kleiner ([charlotte.kleiner@foxprimary.co.uk](mailto:charlotte.kleiner@foxprimary.co.uk)) by **Friday 22<sup>nd</sup> November**. 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 Subject Knowledge for the Teaching of Mathematics (SKTM) – EYFS

*(Please complete and return to your Maths Hub by Friday 22<sup>nd</sup> November 2019)*

Name of school	
School URN	
Maths Hub	London Central and West
Nominated Teacher's Name and Email:	
Nominated Teacher's NCETM username (if they do not have one, please go to <a href="http://www.ncetm.org.uk">www.ncetm.org.uk</a> to set one up for free):	

<p>Optional Second Teacher's Name and Email:</p>	
<p>Optional Second Teacher's NCETM username (if they do not have one, please go to <a href="http://www.ncetm.org.uk">www.ncetm.org.uk</a> to set one up for free):</p>	
<p>Please state what settings the teachers work within (experience of age groups in previous years too)</p>	
<p>Will SLT support the teacher(s) to complete gap tasks throughout the project and have the space to share with other staff in the school?</p>	

<p>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. Please outline if you use an existing scheme or resource to support planning mathematics in your school.</p>	
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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 nominated teachers will participate fully in all the workshops
- The nominated teachers will carry out the gap tasks between the workshops
- The school senior leadership will support the participants in participating fully in the project and in maximising the benefit to the school.

Head Teacher/Senior Leader	<i>Signature of Head Teacher/Senior Leader</i>
Teacher 1	<i>Signature</i>
Teacher 2 (if applicable)	<i>Signature</i>

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