

## **SYMh Primary Update**

**January 2018**

*I'm sure the Xmas holidays are long forgotten as we begin another busy year. There are a significant number of schools currently engaged in a variety of work groups and as always we will look to widen the availability of these professional development opportunities as well as share strategies and resources that develop from them. But our thoughts are now turning to opportunities that start in Sept 2018. Three aspects highlighted in this update that Primary Maths Leaders may wish to consider; applying to engage with the teaching for mastery programme (funding for schools available). Are there any areas of priority you'd like to see a work group on in 2018/9? Do you have colleagues wishing to develop their skills in working with others to develop maths? Best wishes.*

*Pete*

[psides@symathshub.org.uk](mailto:psides@symathshub.org.uk)

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### **Primary Teaching for Mastery programme**

If you would like to register your interest in your school receiving funding to work with Primary specialists in 2018/9 please email Georgina Brown at

[gbrown@symathsub.org.uk](mailto:gbrown@symathsub.org.uk)

For more details see the SYMH website by following [this link](#). If you would like to discuss the implications of developing a teaching for mastery approach or would like to book a presentation to senior leads please contact Tara at [admin@symathshub.org.uk](mailto:admin@symathshub.org.uk)

### **Local Priorities for 2018/9**

We are keen to meet the developmental needs for local schools and whilst there are national priorities that will continue to instigate work groups we are also keen for colleagues to bring to our attention areas of development that they feel should be addressed that are not currently a focus of work groups.

Follow [this link](#) for a list of work groups in 2017/18, we expect similar aspects to be the focus of work groups in 2018/9 and we hope to make these more widely available.

If however you feel there is something we are missing please email your thoughts and ideas to [psides@symathsub.org.uk](mailto:psides@symathsub.org.uk) and we will look at ways we can possibly use our innovation funding to explore this.

### **Recruitment of Local Leaders of Maths Education (LLMEs)**

In order for the Maths Hubs to facilitate professional development through work groups and other PD activity, all maths hubs across the country are looking to develop a work force of enthusiastic colleagues committed to supporting the development of others.

This group of professionals which may include SLEs, consultants or teachers who aspire to be engaged in outreach work are collectively known as LLMEs.

There are a growing number of opportunities from training to be a teaching for mastery specialist or running a work group to supporting other teachers by facilitating network meetings or running open classrooms.

If you are interested in any of the above or would like to widen your experience of working with professionals in other schools please register your interest by emailing Tara at [admin@symathshub.org.uk](mailto:admin@symathshub.org.uk). You do not have to be an SLE or experienced PD lead we are also looking to support the development of aspirant LLMEs of the future.

### **Primary Professional Development materials**

The NCETM have started to publish [professional development materials](#) to support primary teachers introducing a teaching for mastery approach in maths. They have been written by a team of Mastery Specialists, developed under the [Maths Hubs Programme](#), working with other experts in primary maths teaching and learning, and led by the NCETM's Director for Primary Mathematics, Debbie Morgan.

The materials aim to help teachers strengthen their subject knowledge, as well as their understanding of the order of learning steps required to give pupils the best chance of building deep and secure mathematical understanding. They are not, in any way, lesson plans, but they can be used in conjunction with a high-quality mastery textbook to support planning.

Publication will be in phases over the course of the 2017-2018 school year and beyond. The first phase sees the publication of the [first six segments of the 'Number, Addition and Subtraction' spine](#).

### **Funding opportunity from Y&H Maths Hub**

*The **Education Endowment Fund Same Day Intervention** maths efficacy trial **is not a recruitment** to workgroups for the YHMH - it is something completely different and we need 120 schools!*

#### **What is Same Day Intervention?**

*SDI is an approach to teaching in which teachers restructure their maths lessons. After modelling using an 'I do, you do' approach, pupils answer some questions independently. This lasts approximately 30 minutes. Pupils then have 15 minutes away from their teacher (attending assembly or a teaching-assistant-led activity) while the teacher marks their answers using a rapid marking code. The remaining 30 minutes of the lesson is an intervention session, where the teacher groups children together based on how they answered the questions so that they can efficiently address common misconceptions. The aim is to use the additional support to ensure that all children reach a certain level of understanding by the end of the day, preventing an achievement gap from forming.*

#### **What difference has Same Day Intervention made?**

*Yorkshire and the Humber Maths Hub was inspired to initiate the Same Day Intervention (SDI) Work Group in 2015 following the teacher exchange visits to Shanghai. Over the last two years, 45 schools have been formally involved with the Work Group and have implemented the programme in their own schools. Pupils from participating schools took part in a pre and post survey to measure the attitudes and attainment. The findings from the survey indicate that*

*pupils involved in Same Day Intervention made progress, and that pupils' attitudes were shifting in regards to their:*

- *Perceptions of mathematics;*
- *Views of the subject itself; and*
- *Views about themselves as confident, resilient mathematicians.*

*At the end of its implementation, it was found that the majority of pupils stated that they enjoyed maths and thought they had improved as a result of Same Day Intervention.*

*To find out more background information about Same Day Intervention, including access to our full report (detailing findings and research) and videos showcasing our work so far, please visit the Yorkshire & the Humber Maths Hub webpage at [oie.outwood.com/wg3](http://oie.outwood.com/wg3).*

#### **Measuring the impact of Same Day Intervention**

*Following the success of this Work Group, Outwood Institute of Education is now carrying out an efficacy trial sponsored by the Education Endowment Foundation. This will be trialled in Year 5 classes and will run for one school year starting in September 2018.*

*We are recruiting 120 schools to take part in the trial – 60 of those will be control schools and 60 will be treatment schools that will implement the SDI approach **in***

*Year 5 classes. Control schools will not be using the SDI lessons, but pupils' data and assessments will be used to assess the impact of the trial.*

**Commented [IR1]:** We can keep this simple on the website text for initial introduction to the idea.

#### **How do I get involved?**

*Primary schools with at least one Year 5 class (with no other year groups in the class) can take part in this programme. Schools **should not** have engaged in the SDI Work Group activity to date and would be required to commit to a Memorandum of Understanding. Schools will receive high-quality training to teach all of their Year 5 teachers to deliver SDI. Treatment schools in the trial will receive access to training and visits to open classrooms to see the intervention in practice. They will be supported by resources and will have access to follow on support from the SDI team.*

*Control schools will be offered £1,000 on completion of their data and will be offered to opportunity to access the training at a later date.*

*If you would like further information about the trial, the original research or to have a chat about how it might work in your school, please email the team on [oie@outwood.com](mailto:oie@outwood.com).*

We have also been asked to draw this to you attention, this is not endorsed or recommended by SYMH

For further information see the website at [www.matific.com](http://www.matific.com)



**THE MATIFIC  
MATHS GAMES**

**£50,000  
IN CASH AND PRIZES  
UP FOR GRABS!**

Matific, an online primary maths resource is giving schools all over the UK the chance to win £50,000 in cash and prizes including a first prize of £1000 cash!

The more your students play, the more stars they collect and the higher your school's chance of winning the major cash prize – its really that easy!

**REGISTRATION IS NOW OPEN**

<b>WHEN</b> MARCH 1 Join the warm-up. MARCH 7 Let the games begin!	<b>WHO</b> Any primary school up for the Matific Maths Games in the UK.	<b>WHY</b> Win your share of £50,000 in cash and prizes, including the first prize of £1000 cash.	<b>HOW</b> Play Matific and collect stars – the more stars collected the higher your school's chance of winning the major prize! <small>*Terms and Conditions apply.</small>
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#### South Yorkshire Maths Hub Primary Update

Past copies of Update can be uploaded from the SYMH website [newsletter page](#).  
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