

SYMH Primary Update

October 2018

Most of these professional development programmes **will begin in October**, don't miss out on what many regard as the best professional development they've ever had!



Primary work groups

A total of 25 work groups across the South Yorkshire region addressing the issues around planning and delivering great lessons in maths

Early years work groups

A total of 9 work groups to choose from right across the South Yorkshire region, catering for established and new to the profession practitioners



Remember these professional development opportunities have been funded by the DfE and so are **FREE** to participate in.

Best wishes.

Pete

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Work groups for 2018/9

Visit www.symathshub.org.uk to see which work groups are available in your area and you will find contact information for each work group lead with whom you can register your interest and find further details of venues and dates/times of workshop sessions.



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| Phase | Work Groups for schools to develop teaching of mathematics |
| EYFS | Early Years Work Groups – new practitioners |
| | <i>For practitioners who are new to EY, or with limited EY maths experience and training, there is a project that explores key concepts in early mathematical development and effective pedagogies that support EY mathematics learning.</i> |
| EYFS | Early Years Work Groups – established practitioners |
| | <i>For experienced EY practitioners (3+ years) looking to develop aspects of their practice, there are focused projects that will enhance practice on the themes of cardinality, composition, comparison and pattern in EY maths. These projects will enable participants to review practice, consider current research and develop their leadership capacity.</i> |
| Primary | Primary SKE |
| | <i>There is more to subject knowledge than being able to do the maths yourself. The Primary SKE Work Group develops primary teachers’ mathematical subject knowledge so they can understand, teach and support pupils effectively. A key focus is not only improving the participants’ ability to ‘do’ mathematics but also to ensure they have the appropriate pedagogical knowledge to teach their pupils well.</i> |
| Primary | Primary TfM Focused Issue (Lesson Design inc. use of PD Materials and Text Books) |
| | <i>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 other sources of mastery resources for the classroom, including textbooks) and in so doing will improve lesson design across their school. Work Groups will make use of the planning guidance developed by the project in 2017/18.</i> |
| Primary | Primary TfM Focused Issue (Intervention in a Mastery context) |
| | <i>This Work Group, consisting of teachers from local schools, will consider different models of intervention in a mastery context to ensure that mathematics teaching has maximum impact for all children. The participants will use case studies and research to inform their practice and build on the work of last year’s national project, contributing to an evidence base around which models work best.</i> |
| Primary | Primary TfM Focused Issue (Planning for greater depth) |
| | <i>Building on findings from the 2017-18 project, more schools are being offered the opportunity to explore what it means to work deeply in mathematics. Collaboratively, they will use existing tasks/questions and design their own, to ensure that pupils are not accelerated through the programmes of study but have a deep and sustainable knowledge of mathematics for their age.</i> |
| All phases | Developing working partnership for SEND and mathematics |
| | <i>This programme involves mainstream and special schools working together to improve SEND provision in maths. Participants will explore ways to encourage reasoning and the use of manipulatives, providing a different approach to working with SEND students across mainstream and special schools. The pedagogy</i> |

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| | <i>introduced, and any resources trialled, would support the principles of teaching for mastery.</i> |
| All phases | <u>Teaching Assistant SKE</u> |
| | <i>The Teaching Assistant SKE project is designed to develop teaching assistants' subject knowledge in maths. They will explore maths in depth, making connections between topics and concepts. Participants will also work collaboratively, led by a local leader of maths education (LLME) to develop deep and secure subject knowledge and appropriate pedagogy so they are well-equipped to support children's learning in the classroom and in small intervention groups.</i> |
| KS2-3 | <u>Y5-Y8 continuity</u> |
| | <i>Teachers from different phases will work with the overall aim of improving continuity of learning by pupils in the four years between Years 5 and 8. Participants in this Work Group will focus on multiplicative reasoning and the topic of proportion, by exploring how each approaches this aspect of the mathematics curriculum and develop a consistent approach to it through discussion, joint lesson design and delivery, observation and the development of documentation to support continuity.</i> |

If you have any queries or you are interested in finding out more about your school's options please contact the relevant representative of SYMH for your area.

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South Yorkshire Maths Hub Primary Update

Past copies of Update can be uploaded from the SYMH website [newsletter page](#).
 SYMH Administrator Tara Webster can be contacted at admin@symathshub.org.uk

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