

SYMH Primary Update

November 2017

*It is now widely accepted that the best form of professional development is a series of sessions focusing on a theme attended by colleagues working collaboratively. Whilst led by a facilitator, who may be a specialist, the emphasis is not on being told how to teach but working together to develop a greater understanding of how children learn best. This is even more impactful if the programme involves an aspect of teachers trialling strategies and resources in the classroom before reflection and discussion. **This is what a work group aims to deliver for participating teachers.** Call it a work group, teacher research group or lesson study – each model has its own flavour but are underpinned by the same principles that mirror the aim of SYMH.*

“Helping teachers to develop as reflective practitioners”.

Many of the work groups are due to start this coming half term and I strongly encourage you and your colleagues to consider engaging in one of them.

Best wishes.

Pete

psides@symathshub.org.uk

PS – see bottom of newsletter for details of Sheffield TeachMeet

Work Groups available in 2017/8

- Evidencing pupil progress
- Early Years
- Teacher assistant subject knowledge enhancement
- Intervention strategies
- Developing mathematical fluency
- Y5 to Y8 continuity
- Supporting SEND
- Lesson design
- Roadmap to mastery programme

Details of work group leaders, how to register for a work group and regular updates can be found on the South Yorkshire Maths Hub website [click here](#).

Evidencing pupil progress (various start dates)

The focus of this work group will be to looking into understanding what mastery and deeper understanding actually looks like, creating exemplar material for teachers to use in the classroom. With work groups holding their first sessions across the region this term in **Barnsley (20th Nov)**, **Doncaster (30th Nov)**, **Rotherham (1st Dec)** and **Sheffield (27th Nov)** this is a great opportunity for teachers who have some prior experience of teaching for mastery to meet and discuss this important aspect.

[Click here for link to SYMH website and further details](#)

Early Years (start date to be confirmed)

This work group looks to build on the work done in 2016/7. Participants will be given access to resources, strategies and ideas build up around preparing young children for a teaching for mastery environment in Key Stage 1 to enable them to achieve their potential from the start.

[Click here for link to SYMH website and further details](#)

Teacher Assistant Subject Knowledge Enhancement (start date 14th Nov)

This 5-day programme of staff development is aimed at teacher assistants becoming more confident in mathematics and comfortable with the underlying principles and strategies of teaching for mastery allowing them to support teachers more effectively.

[Click here for link to SYMH website and further details](#)

Intervention strategies (start date 15th Nov)

Participating schools will be able to reflect and trial an intervention strategies currently being successfully undertaken in schools across the country.

Collaboratively sharing experiences from classroom practice, colleagues will develop further strategies best designed for their own situation.

[Click here for link to SYMH website and further details](#)

Developing Mathematical Fluency (start date 27th Nov)

This Work Group will address the issue of improving KS1 & 2 students' mathematical skills beyond an ability to complete a specific method but to show fluency of skill and understanding. The focus will be to reflect upon successful pedagogical strategies. Teachers will engage in collaborative planning and trialling of activities in the classroom.

[Click here for link to SYMH website and further details](#)

Y5-8 continuity (start date 22nd Nov)

Schools are invited to collaborate with secondary partners to explore common approaches to a particular conceptual development (Multiplicative Reasoning) that crosses the key stage 2/3 divide. Schools are particularly encouraged to apply to engage alongside a secondary partner and other feeder schools

[Click here for link to SYMH website and further details](#)

Supporting SEND students (next session 6th Dec)

This work group will focus on various aspects of supporting SEND students when engaging the whole class in a teaching for mastery curriculum. Led by specialists this work group will allow teachers to reflect and develop their own understanding and skills whilst preparing them to support the development of their colleagues.

[Click here for link to SYMH website and further details](#)

What makes an excellent lesson design? (start date 20th Nov)

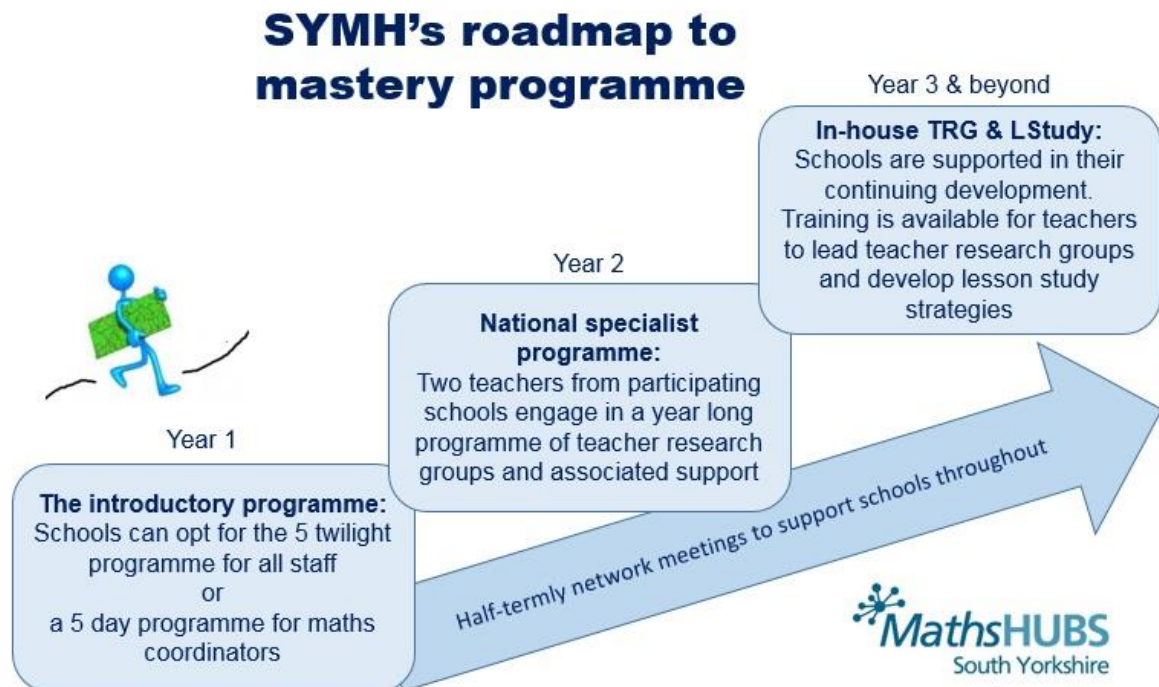
This work group is a continuation of work done with Rotherham schools who have completed the introductory roadmap programme and have elected to continue their collaboration. Schools who are in a similar position are invited to engage.

[Click here for link to SYMH website and further details](#)

Teaching for mastery programme – [SYMh’s roadmap to mastery.](#)

With cohorts already begun in Rotherham & North Derbyshire and further cohorts planned for Sheffield and Doncaster this 5 day programme for maths coordinators and teachers is a recognised introductory programme to support schools’ applications to engage in the [teaching for mastery specialist programme.](#)

For further details or to arrange for a presentation for school leaders please contact admin@symathshub.org.uk



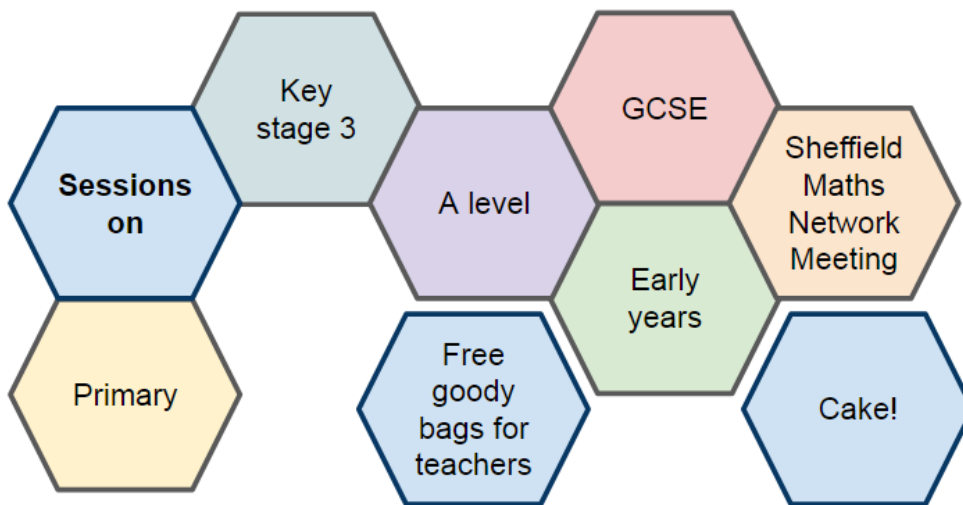
Latest *Bespoke* (Maths Hubs’ national magazine)

The latest edition of *Bespoke*, which includes a double-page summary of all this year’s NCPs, has been [published](#) and can be downloaded as a pdf. Alternatively, if you’d like copies sent to you, please email mathshubs@ncetm.org.uk including full postal address and number of copies required.

Sheffield Maths TeachMeet

Tuesday 28th November 2017 Longley Park 6th Form College, Horninglow Road, S5 6SG

A TeachMeet is an organised but informal meeting for teachers to share good practice, practical innovations and personal insights in teaching.



Registration and refreshments from 3:30

4:15-5:00 First session

5:15-6:00 Second session

6:00 Lightning talks

6:30 Finish and off to the pub for some food, puzzles, games and crafts organised by Sheffield Maths Jam

@LongleyMaths #SheffMathsTM

Book your place by emailing Jenny.Hughes@Longleypark.ac.uk

South Yorkshire Maths Hub Primary Update

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