

Secondary and Post-16 Newsletter

October 2021

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Sustaining in Teaching for Mastery

We are grateful for the ongoing support and the schools that have sustained their relationship with the South Yorkshire Maths Hub over the years.

We wanted to share with you that an impressive 93% of schools within South Yorkshire who have participated within the Teaching for Mastery Programme or participated within a Work Group have sustained their relationship with the Hub.

Overall there are 278 schools within South Yorkshire who have taken part in the Teaching for Mastery Programme!

New Non-Statutory KS3 Materials

This new publication provides non-statutory guidance from the Department for Education. It has been produced to help teachers and schools make effective use of the national curriculum to develop secondary school pupils' mastery of mathematics.

Who is this publication for?

- Local authorities
- School leaders, school staff and governing bodies in all maintained schools, academies and free schools.

This publication aims to bring greater coherence to the national curriculum for mathematics by exemplifying the statutory guidance for Key Stage 3 (DfE, 2013) and

giving schools, mathematics departments and teachers further guidance on how learning in mathematics develops across Key Stage 3.

[View here!](#)

The publication is also embedded in the materials [here](#).

Support for Secondary Maths Teachers – From the NCETM and Maths Hubs

Department or individual, HoD or classroom teacher, experienced or early career teacher – we have professional development and classroom resources for you.

Do you have a specific departmental development need or are you interested in finding out what professional development opportunities the South Yorkshire Maths Hub has to offer?

[Click here](#) to view our secondary provision overview. This will help you find out more about each of our Work Groups and Programmes available for you to join!

You can still sign up to the Work Groups below!

Mathematical Thinking for GCSE Work Groups

The focus of this Work Group is to support teachers in developing their understanding of mathematical thinking as it relates to problem-solving and reasoning, using practical task types to explore what it means for pupils to get better at mathematical thinking and what this looks like in the classroom.

Years 7-11 Coherence Work Groups

This Work Group focuses on teachers working together to analyse, deconstruct and trace through the curriculum a selected key topic area, developing insight into effective teaching approaches, and considering the implications for longer term curriculum design.

Years 5-8 Continuity Work Groups

To strengthen the transition from primary to secondary school by focussing on curriculum and pedagogical continuity over Years 5 to 8.

Supporting Post-16 GCSE Resit Work Groups

Post-16 GCSE resit pedagogy to support Covid recovery Work Groups will explore effective ways of teaching key content to GCSE resit students, and effective ways of working with teachers of post-16 resit GCSE in the context

New to teaching Core Maths Programmes

The purpose of this Work Group is to support teachers, who are new to teaching Core Maths, in developing specialist knowledge for teaching Core Maths and to increase their confidence in teaching the course.

Secondary Subject Leadership Work Groups

To support to secondary heads of department/subject leaders, to enable a better understand and implementation of teaching for mastery approaches across their department

Maths Week England!

Maths Week England is a grassroots movement to share the joy of mathematics with everyone. It launched in 2019. The vision is to provide young people in England with a positive image of mathematics, and to contribute in a small way to changing the national attitude towards this vital and beautiful subject.

This year Maths Week England will take place 8th – 12th November.

[Read more and sign up here!](#)

Lisa Coe – Podcast!

Lisa Coe reviews education books, alongside being primary maths lead for a MAT in the East of England.

In this interview she talks about the maths books that she has found most useful, what she has learned from them and why she writes a blog to summarise their most useful points.

[Click here to listen!](#)

Secondary Non-Specialist Subject Knowledge for Teaching Mathematics

We are looking to start a second cohort for the work group Secondary Non-Specialist SKTM. This is for colleagues who may find themselves in a position of teaching mathematics when they did not take a mathematics ITT route.

if this is you, please see our **[website here](#)** to find out more about accessing free support for developing mathematics subject knowledge and how to sign up to access this.

Contacts

If you are interested in finding out more about your school's options please do get in touch.

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Newsletter registration

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If you have any questions or concerns around our privacy policy please contact admin@symathshub.org.uk or data@notredame-high.co.uk