

Secondary and Post-16 Newsletter

February 2021

We would like to say a special thank you to all of the teachers in South Yorkshire. Teachers are doing an outstanding job adjusting to the new normal. The drive, hard work and determination from you all to ensure that children are being provided with the highest standard of learning in the current circumstances is totally inspiring.

We are thankful for all of the participants who have taken the time to join a Work Group this year and are participating even in these extremely busy times. We are already thinking ahead to the next academic year. So stay tuned for the next newsletter for more information.

We wish you a restful half term break.

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Challenging Topics and Multiplicative Reasoning

In January's edition of the newsletter, we shared with you some Secondary CPD materials available on the NCETM website. These materials are coming in very handy for our Challenging Topics at GCSE work group this month. At the start of this year, I covered multiplicative reasoning with my year 8s. We followed [this section](#) of the KS3 PD Materials and encouraged a deep understanding of multiplicative relationships through the use of double number lines and ratio tables, which I love!

In the Challenging Topics at GCSE work group session this month we are studying this [departmental workshop resource](#) based on proportional reasoning and [this guidance](#) on double number lines and ratio tables, along with [this short recording](#) in order to reflect on how we deliver some of the topics students struggle with at GCSE such as compound measures, trigonometry and arc lengths. There are so many topics that would benefit from using ratio tables; allowing the students to make connections and

build on prior learning and not be left feeling that each topic is something new and scary to learn.

I would love to hear your thoughts on the use of double number lines and ratio tables, as well as any other challenging topics they link to. Please do get in touch at ymarshall@symathshub.org.uk

Register Your Interest – Secondary Specialist

Want to become a specialist in teaching for mastery and support your own and other schools to develop teaching for mastery approaches? Join the Secondary Mastery Specialist Programme. During the programme you will receive fully funded professional development from experts, have time to develop your own expertise, and then to support others.

What is involved?

Year One: you participate in several professional development events and focus on developing your own classroom teaching

Year Two: your focus is on developing teaching for mastery approaches within your own department and honing your skills in leading professional development

Year Three and beyond: you support key teachers in other local schools to develop a teaching for mastery approach within their own departments.

All the time, you keep in touch with other specialists across the country in online groups. You can share experiences and continue developmental conversations.

The Secondary Mastery Specialist Programme is **fully funded** by the Maths Hubs Programme so is **free** to participating schools.

Fill in the expression of interest form [here](#) to receive an email alert when the application form goes live for 2021-22!

Register Your Interest – PD Lead Programme

The Professional Development Lead Programme is the NCETM Professional Development Lead Accreditation and is designed for those who lead professional development for teachers of maths.

This programme is for teachers of maths (all phases from Early Years to post-16) who have existing commitments and responsibility for designing, leading and evaluating maths teacher professional development, and the potential to develop further. [Read more here.](#)

The PD Lead Development and Accreditation Programme is **fully funded** by the Maths Hubs Programme so is **free** to participants and their schools.

Fill in the expression of interest form [here](#) to receive an email alert when the application form goes live for 2021-22!

DfE National Edtech Demonstrator Programme and Hegarty – Maths Seminar

Dfe National Edtech Demonstrator Programme and HegartyMaths Seminar
Engaging learners at home with independent learning.

Wednesday 10th Feb 2021, 16.00 - 16.45

This joint seminar is being run by The National DfE Edtech Demonstrator Programme and HegartyMaths. In this session you will hear from EdTech Demonstrator schools representing EdTech Sheff on how they are managing to effectively deliver high-quality teaching and learning in their Maths Curriculum during lockdown through the use of HegartyMaths.

[Click here to find out more](#)

Contacts

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

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