

Autumn 2021



NEWSLETTER

Welcome back

Welcome back to a new academic year, we hope that you had an enjoyable summer break and have had a good start to the year. We know that last year was challenging for all, moving to online learning and delivering all of our Work Groups online meant that we learnt new skills and adapted our provision successfully. However, we are looking forward to reintroducing some face-to-face sessions and hope this year brings back some normality for all. We hope you have a good year and hope to see some of you soon.

From all of us at East Midlands East.

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SECONDARY OPPORTUNITIES STILL OPEN FOR 2021-2022

Whilst some Work Groups have already begun, we still have some opportunities available to join a secondary Work Group for this year. Here is some more information about the Work Groups we have on offer or click the register an interest button to the right to apply. Remember all Work Groups are fully funded by the Maths Hubs programme and free to participating schools.

Year 7 - 11 Coherence

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

[Register an interest](#)

Year 5 - 8 Continuity

Year 5 - 8 continuity is one of our longest standing Work Groups. Due to the effects of Covid-19, it is more crucial than ever for students to have a smooth transition from primary to secondary school. This year we have been given extra funding for this Work Group so have more spaces available than ever before. In this Work Group, you will have the opportunity to strengthen the transition from primary to secondary by focusing on curriculum and pedagogical continuity over years 5 to 8. You will work with nearby schools and understand how to prioritise key areas of the curriculum to help ensure pupils have mastered the fundamental understanding and skills they need to underpin their progression through upper Key Stage 2 and into Key Stage 3.

Quotes from previous participants of Year 5 - 8 continuity

A Secondary teacher said - *"I've improved my knowledge of what maths is like at KS2 and have got some useful resources and ideas. I've learn the importance of having a collaborative approach with primaries"*

A secondary teacher said - *"I have realised the power of manipulatives even at Secondary and I am beginning to incorporate this into my teaching"*

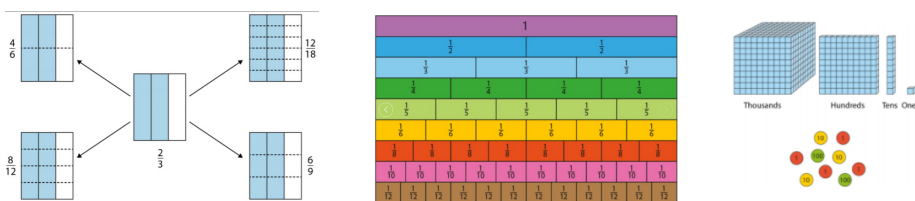
A primary teacher said - *"The pupils have been thoroughly engaged with the materials and the stand-alone gap tasks. The greater depth of understanding surrounding each different area of maths has helped progress immensely and the children are now equipped to give such detailed and coherent explanations about the processes they are using"*

Specialist Knowledge for Teaching Mathematics - Non-specialist

Are you teaching maths outside your own specialism? Or is someone in your maths department a non-maths specialist? Of course, there's much more to teaching maths than knowing how to do the maths. And its not always obvious how teaching skills from other subjects can be adapted for the maths classroom.

The Maths Hubs Network is launching a new national professional development programme in 2021, which aims to provide non-specialist maths teachers with the specialist knowledge they need to support students to acquire mathematical understanding. Specialist knowledge such as:

How to use representations to expose mathematical structure



How to go beyond teaching knowledge and encourage students to use what they know to reason mathematically

Which is bigger, $3n$ or $n+3$? Answer these statements using: Always, Sometimes or Never

1. If a number is a multiple of 10, it is also a multiple of 5.

2. If a number is a multiple of 4, it is also a multiple of 8.

Other Work Group Opportunities for 2021-2022

We still have spaces left on the following Work Groups for this year, Click the links for more information or click to register an interest.

Early years

- [Specialist Knowledge for Teaching Mathematics Early Years Programme \(20-25\)](#)

[Register an interest](#)

Primary

- [Specialist Knowledge for Teaching Mathematics Primary Programme](#)
- **Primary Early career Teachers (SKTM) - NEW for 2021/22**
- [Primary Teaching Assistant Programme \(SKTM\)](#)

Secondary

- [Secondary Teaching for Mastery Development Work Groups](#)
- **Secondary Subject Leadership Work Groups - NEW for 2021/22**
- **Years 7-11 Coherence Work Groups - NEW for 2021/22**
- **Secondary Early career Teachers (SKTM) - NEW for 2021/22**
- **Secondary Non-specialist Teachers (SKTM)**
- [Y5 - Y8 Continuity Work Groups -Cross Phase](#)
- [Working Partnerships with ITT providers -Cross Phase](#)
- [Secondary Maths MAT Leads: leading and developing mathematics teaching](#)

Post-16


- [Developing Core Maths pedagogy Work Groups](#)
- [Developing A Level Pedagogy](#)
- [Supporting post-16 GCSE resit Work Groups](#)

A secondary teaching for mastery development Work Group participant said

"My practice has developed in different areas. Increasingly difficult questions have already been embedded into my lessons for KS3 and KS4 and the work " and "I am now even more aware of the importance of including good progressive examples that help pupils progress."

NEW DfE non-statutory guidance for KS3

The Department for Education have released new guidance for teaching mathematics at Key Stage 3 to help pupils progress through the national curriculum. To find out more and read the guidance, [click here](#).

 **NCETM**
NATIONAL CENTRE FOR EXCELLENCE
IN THE TEACHING OF MATHEMATICS
New checkpoint resources for year 7 from NCETM

GET IN TOUCH



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If you are interested in finding out more about Work Groups then please email us at

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or visit our website

www.ememathshub.org