



MATHSHUBS

LONDON SOUTH WEST

January 2023 newsletter



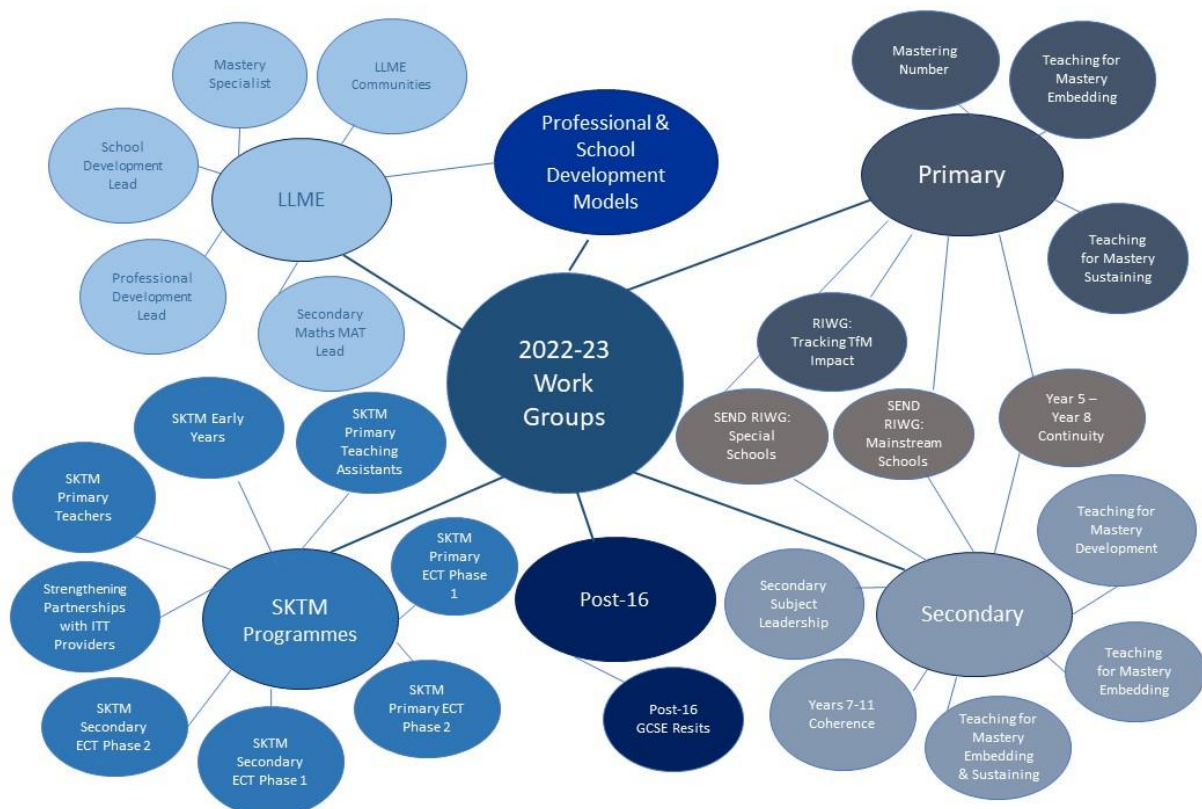
Happy New Year!

Welcome back. We are excited to share some of our highlights of the year so far and opportunities coming up for the Spring Term.



- 49 Work Groups underway
- 205 schools/colleges/institutions
- 300+ teachers, leaders & TAs

Our fabulous team of Work Group Leads are in the throes of leading these 22 different types of Work Groups. Did you know we actually have thirteen Primary Mastery Sustaining groups this year (with typically 8-10 schools in each)! See if you can spot where your involvement fits in to the bigger Maths Hub picture, and perhaps another one that you would like to find out more about for next year. To find out more, visit <https://londonsouthwestmathshub.co.uk/current-projects/>



New Year, new team?

We have had a few team changes to our Maths Hub team this year (from September), and would like to introduce you to...



John Budden has joined us as Senior Leadership Link alongside Danine. John is Executive Headteacher of Belleville Primary School.



Gwenda Thomas has expanded her shared Secondary Lead role (with Celeste da Silva) into Post 16, and is doing a wonderful job reaching out to colleagues new to us.



Vicki Holt has joined our Operations Team as our new Administrator and works part time for the London South West Maths Hub.

Priya Caplan is on maternity leave, and enjoying life being mum to the gorgeous Jesse. We look forward to her return at Easter. In the meantime, Nicki is holding the fort as solo Maths Hub Lead.



Post-16 GCSE Resit Conference

In September we were delighted to host a conference for teachers working with GCSE students. Planned for July, but postponed because of rail strikes, we then subsequently moved it online when rail strikes hit us once again! We had a fabulous panel of speakers to inspire us on effective ways to motivate students and teaching approaches that will have impact on student learning. Food for thought for many, and feeding well into our GCSE Resits Work Group this year!

Being passive v being active as a learner

Passive learners	Active learners
Teacher reads out the slide	A student reads out the slide
Teacher explains what the slide means	Teacher asks one or more students to explain in their own words what the slide means
Teacher demonstrates how to answer a problem	T directs students to have a go at the problem on their own T directs students to have a go at the problem in a pair (note this involves different 'activity' to 'on their own')
Teacher provides the correct solution (may also be v prescriptive about setting out)	T chooses one or more learner to reveal their solutions ²
Teacher describes the learner solution	T asks a learner to describe what they (or another learner has done.)

Re-thinking GCSE Resits Conference
A London South West Maths Hub Event

Join us for a day's critical and creative thinking about how best to prepare and enable your post-16 pupils in their Maths GCSE resits. A brilliant panel of speakers will lead us through a series of engaging presentations, including:

- Sue Hough** Re-engaging with common sense for GCSE resit
- Martin Newton** What can't GCSE resit students do, why can't they do it and how do you fix it?
- Emma Bell** Making Connections: How can a condensed GCSE Maths curriculum result in deeper understanding?
- Joon Ashley** Attitudes and emotions: how do you convince GCSE resit students that they CAN learn maths?

Less than 100
One quarter of 300
Easiest to explain
0.34 x 241
Trickiest to explain

Between 100 and 150
Half of 227
One third of 350
Three quarters of 150
3000 ÷ 24

Greater than 150
Trickiest to explain
241 ÷ 0.34
24 × 5
1.38 × 203
Easiest to explain

Factorise $3n + 12$
 $3(n + 4)$

$3 + 12 = 15_n$
 $4(\frac{n}{4} + 3)$
 $3(n + 12)$
 $12 - 3 = 9$

FAILURE
"Success is not a destination, it's a journey."
"Try something and never be afraid to fail. Your failure is useful too, it's just another building block."
FIXED MINDSET
GROWTH MINDSET

Ministerial Visit

On Thursday 24th November, the Right Honourable Gillian Keegan, Secretary of State for Education, and Schools Minister Nick Gibb visited Chesterton Primary School, one of our two lead schools to learn about the brilliant work of the Maths Hub and its impact and practice in school.



We proudly showed them round a number of classrooms, dropping in on lessons, Mastering Number and Fluency sessions, and then shared some highlights from our Maths Hub activity this term.

It was a huge honour to host them, and the Secretary of State reported back that "it was a real tonic to see the wonderful work you are doing and the impact that is having".



Secondary Subject Leadership

We are delighted to have 15 HoDs from the region working together across both phases of this fantastic Work Group. They have already met last term to discuss and share approaches to this unique and challenging role and we are looking forward to getting both phases together in the New Year.

What's coming up?

Years 7-11 Coherence Work Group (Starts 12th January 2023)

There is still time to apply for this Work Group, which explores approaches to key topics in KS3 and at GCSE in the context of your own school. Full details and instructions about how to apply can be found here: <https://londonsouthwestmathshub.co.uk/current-projects/years-7-11-coherence>

Reducing Maths Anxiety and supporting SEND pupils through a Teaching for Mastery approach (Starts 19th January 2023)

This year's SEND project for mainstream schools will focus on workable strategies to reduce Maths Anxiety.

Research question: Which strategies and approaches are most effective for addressing Maths Anxiety?

The project will look at the causes of Maths Anxiety including dyscalculia and maths difficulties and how this might impact on pupil confidence.

It will explore how mastery approaches can develop pupil confidence as well as strategies specifically to address maths anxiety.

Full details and instructions about how to apply can be found here:

<https://www.londonsouthwestmathshub.co.uk/current-projects/send-reducing-maths-anxiety-and-supporting-pupils-through-a-tfm-approach>

Don't forget

If you are in the second year of the Mastering Number Programme and are also in a Primary Sustaining Work Group, you can sign up to participate in the Parent Project. Contact us by 13 January if you would like to join.

Professional Development Programmes

Recruitment now open

The NCETM and Maths Hubs are now accepting applications for five programmes designed to develop teachers as experts in teaching for mastery and the leadership of professional development. The programmes are:



- [Primary Mastery Specialist](#)
- [Secondary Mastery Specialist](#)
- [Further Education Mastery Specialist](#)
- [Professional Development Lead](#)
- [School Development Lead](#)

What do the programmes involve?

All the programmes are designed to develop teachers as local leaders of mathematics education (LLME), who lead various strands of activity of their Maths Hub at a local level.

The Primary Mastery Specialist Programme is now in its ninth year, and the Secondary Mastery Specialist Programme is in its eighth year. The programme to develop **Further Education Mastery Specialists** is **new** in 2023 for those teaching GCSE Resit and Functional Skills. All Mastery Specialists are classroom-based practitioners who develop teaching for mastery in their own classrooms, and go on to lead Work Groups to support other schools or colleges and their teachers locally.

Professional Development Leads and School Development Leads are expert teachers of maths who have responsibility for maths-specific professional development beyond their own school.

How can you apply?

Follow the links above to visit the webpage of the programme you are interested in applying for, and download and read the information document. When you have secured the support of your headteacher/senior leader, complete the online application form. **The closing date for applications is Friday 31 March at 5pm.**

<https://www.ncetm.org.uk/news/recruitment-open-for-maths-professional-development-leadership-opportunities/>

Contact us at London South West Maths Hub admin@london southwest mathshub.co.uk

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