Maths Hubs Local Innovation Projects
SECONDARY 2020 – 21

MathsHUBS North West Three

Excellent Maths Teacher Programme

Work Group Information Sheet

Overview:

Currently there are a number of key changes and areas for development within maths education and recognition of individual teacher's work on these areas and ability to develop others within their department is needed. The step to Subject Leader or Lead Practitioner is often taken to keep teachers in the profession; the EMTP exposes those that are ready for the step have the core values in line new maths teaching initiatives.

Who should attend?

High quality secondary maths teachers with or without responsibility looking to be future leaders.

What is involved?

Participants will attend four full day workshops addressing current teaching initiatives looking specifically at areas of current change including. This will involve observing a KS2 mastery specialist teaching a mathematics lesson. The key areas for the programme will be

- Understanding how practice has changed at KS2 and the need to build on this at KS3
- Developing problem solving skills, reasoning ability and mathematical fluency throughout KS3 and KS4
- Effective monitoring to determine impact
- Tracking of progress and skills to inform action planning and next steps
- Exploring and developing assessment
- Providing effective feedback
- Lesson structures, planning and questioning

Dates and venue will be confirmed in the Autumn Term.

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Sarah Makin – NW3 Maths Hub Administrator
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Inspire Support Achieve Working together to
North West Learning Partnership

Working with National Centre for Excellence in the Teaching of Mathematics

National Teaching School

Intended outcomes:

Professional Learning – teachers will gain an accreditation through the St Helens TSA/ Maths Hub NW3 accredited CPD standard holder route by attendance and engagement in the full programme.

- They will take part in an attractive PD opportunity for those looking to support excellence within their own departments.
- collaborate with like minded teachers around key areas of mathematics education

Practice Development – teachers will

- spend time studying the finer details of the National Curriculum from KS2-5 and how this depth of knowledge must impact the curriculum offered within their own school
- partake in a number of gap tasks to try out the ideas shared during the workshops in their own classroom
- ensure their lessons focus on mathematical problem solving and reasoning
- consider the assessment strategies they use in their own lessons and how these can be developed further for maximum impact on pupil progress

School Policy/Approaches – teachers will

- consider carefully the policies and procedures in their own department and how these can be adapted for the better.
- take back to their department (via gap task activities) ideas and resources to support problem solving, reasoning and effective assessment
- have more of an appreciation for the work done at KS2 so this can be built upon throughout KS3

Expectations of the participants and their schools:

- Schools will need to commit to the release of the same nominated teacher(s) for all four workshops and to support them in the gap tasks. This will include supporting wider staff and department engagement between each workshop.

Funding:

There is no charge for participating in this Work Group.

Who is leading the Work Group?

The Work Group will be led by Lindsay Porter, NW3 Maths Hub's Secondary Lead. Lindsay is an experienced maths teacher, subject leader and NCETM PD Lead. She has worked with NW3 since 2015 leading national projects and local innovation work-steams.

How to get involved:

If you are interested in getting involved in this Work Group, please contact

Paula Foster at paula.foster@three-saints.org.uk quoting 'Secondary Excellent Maths Teacher Programme'

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