



Primary mathematics conference

with Yorkshire Riding Maths Hubs

Wednesday 27 June 2018

You have what it takes

Learn about different areas of teaching, assessment and professional development.
Share best practice with a network of your peers.
Gain ideas and resources to take back to you classroom.

Keynote: Teaching for mastery – going deeper

Many primary schools have radically changed their teaching are now “Teaching for Mastery” with increasing success. This session will consider:
What is working well and why?
What the challenges are and how these might be overcome.
What are the next steps in development going deeper?

Debbie Morgan, Director for Primary, The National Centre for Excellence in the Teaching of Mathematics (NCETM)

Sessions

Summary

Presenter

Meet the Numberblocks

This session will share insight into the mathematics developed in the CBeebies programme Numberblocks and how they might be used to support mastery of mathematical concepts in primary.
Age range suitable: EYFS and Key Stage 1.

Debbie Morgan

Introduction to leading mastery in your school

This session looks at practical ways of starting a school's journey to mastery in mathematics.
Age range suitable: KS1 and KS2

Helen Carpenter

Sessions for primary

Summary

Presenter

An Introduction to using the KS2/3 EEF Maths Guidance Report

This session will be a brief introduction to the EEF Guidance Report including what it could mean for your school
Age range suitable: KS1 and KS2

Mari Palmer
Director of North Yorkshire Coast Research School

Maths TA Toolkit: Effective support in mathematics

This session will explore the impact of the 'Maths TA Toolkit' across all phases from EYFS to KS3. Age range suitable: EYFS, KS1 and KS2

Kerry Dalton
Headteacher,
Roecliffe C of E Primary School

Doing the maths or thinking mathematically?

Exploring classroom strategies for building fluency through a focus on strengthening reasoning and problem solving skills
Age range suitable: KS1 and KS2

Alan Easterbrook,
Independent Mathematics Consultant and PD Lead

Laying the foundations for calculating with understanding in the Early Years.

Children need to be given time to play and explore as well as being taught to 'notice'; comparing quantities and observing what has changed. This workshop will focus on the use of (Using) small world scenarios, picture books, photographs and the classroom to tell mathematical stories in order to develop a clear understanding of the part whole model.
Age range suitable: EYFS and KS1

Kim Mitchell, Shadwell & Bramham Primary Schools

Effective assessment

This hands-on session will explore the effective assessment of pupils' understanding in fluency, reasoning and problem-solving.
Age range suitable: KS1 and KS2

Alison Hogben,
Subject leader and SLE for Maths, Springhead Primary

Teaching maths through stories

Engaging pupils through the use of stories is an appealing way to learn maths. This session aims to inspire you with the use of picture books for KS1 and 2.
Age range suitable: KS1 and KS2

Alison Hogben

Taking Maths Outdoors in the Early Years

Young children are naturally curious about the world around them. This session will help with ideas for using the outdoors to develop maths skills.
Age range suitable: EYFS

Karen Brunyee, STEM Subject Expert, STEM Learning

Sessions

Lessons from Japan

Summary

Taking a closer look at Japanese Lesson Study and Japanese pedagogy for the teaching of Mathematics.
Age range suitable: KS2

Presenter

Camilla Pratt,
Senior Lecturer,
Leeds Trinity
University

Ideas for developing mixed aged planning in mathematics

Considering planning templates (s-plans and layered plans) to ensure curriculum coverage and essentials of mastery teaching in mixed aged classes.
Age range suitable: Mixed aged classes (KS1 & KS2)

Jo Sawyer, Maths
consultant / KS2
teacher

Learning from Shanghai: Developing fluency in KS1

In Shanghai all pupils leave Grade 1/Year 2 fluent in addition and subtraction facts to 20. How is this achieved and how we might apply learning in our own classrooms.
Age range suitable: EYFS, KS1 & KS2

Emma Crisell &
Kim Mitchell,
Mastery
Specialists:
Yorkshire Ridings
Maths Hub

Developing fluency in KS2

An interactive session exploring how to develop fluency with KS2 pupils with tips to use back in school.
Age range suitable: KS2

Katy Drinkall,
Primary School &
Mastery Specialist:
Yorkshire Ridings
Maths Hub

Problem solving: models and resources

A look at a range of models used to illustrate a problem along with the resources which can be supportive for pupils.
Age range suitable: KS1/KS2

Matt Davies,
Mathematics Lead,
Northstead
Community
Primary School

Soapbox sessions

Gap and Attainment
Latest Research
Differentiation

Inspirational short talks from mathematics leaders highlighting initiatives developed and trialled in school. They will highlight the challenges faced and whole school learning from these projects.

Mari Palmer
Helen Carpenter
Katy Drinkall

Book your place:

www.stem.org.uk/my007

Please note this programme is subject to change