

Primary Maths Hub Conference 3rd June 2019



9.45 am—3.00pm - [BOOK HERE](#)

Keynote: Alan Edmiston

Equals - Maths Association SEND publication

Alan is the Editor of the Mathematical Equals magazine, providing support through exchange of ideas to help teachers reveal the excitement of maths to those who have found the subject inaccessible or irrelevant. Alan is an expert in helping classroom teachers develop good practice through practical applications of mathematics.



Keynote: Dave Bowman

YesUCan Maths

Based on research of academical mindsets and experience of 16 years teaching of mathematics Dave can introduce his Fab Five messages:



- Teacher Beliefs - Teachers need to believe that what happens in class is down to them and that every child can learn and improve.
- Academic Mindsets All children need to feel they belong in the learning environment, have a purpose to learning and the belief that they can learn.
- Brain Plasticity We are born with a brain waiting to make connections and these connections are only made through practice. Everyone can improve at any age.
- Mistakes provide learning opportunities. If you can already do it then you haven't learnt anything.
- Power of Yet I don't know how to do this YET.

Workshop Outline

Greater Depth Helen Hackett and Vicki Tuck

Teachers will have an opportunity to reflect on how providing Greater Depth opportunities for all pupils, differs from 'high ability provision', to evaluate their own practice and make changes using the support and resources of the group. It is envisaged that changes in ethos will allow teachers to make better provision for the needs of all learners in their classrooms but also exercise an influence over the practice of colleagues in their schools.

Taking Early Years Maths Into Key Stage 1- John Pearson

This workshop is suitable for all schools and early years' settings where getting greater depth is a priority and wish to develop a mastery approach. Developing an approach to maths in the early years which continues in KS1 and provides a beginning to calculation in KS1 which does not depend on counting, but instead, emphasises the structure of numbers to twenty.

The focus will be a two-fold one: preparing children leaving Foundation to be ready for mastery in KS1 and, developing an approach in KS1 which builds on the specific maths skills taught in the EYFS.

Supporting and developing Early Years practitioners - Sue Evans and Fiona Wood

- Current development in Early Years Maths
- Using research to inform Work Group planning to ensure that pedagogy and subject knowledge is age appropriate
- Subject knowledge - so, what does mathematical development in Early Years look like?
- Structure of EYFS Work Groups - subject knowledge input, observation of lead teachers, use of videos, gap tasks and feedback.

Mastery Representation and Structure, Variation — Gill Holmes

This workshop will focus on two out of the five Big Ideas from the NCETM Mastery Programme.

Fluency in Mathematical Thinking - Julie Wheel

This workshop will focus on two out of the five Big Ideas from the NCETM Mastery Programme.

Using manipulatives to develop problem solving skills - Karen Lawley

Research suggests that the use of manipulatives can aid children's mathematical understanding, problem solving and reasoning skills.

This workshop will give the opportunity to consider how Numicon can be used to help children access problem solving tasks and develop their depth of understanding.

Workshop Outline - Continued

Maths of the Day - Sophie Cloudsdale

The workshop looks at the research, rationale and benefits of introducing 'active maths' into the school curriculum. The focus is on how this approach is improving attitudes towards and raising attainment in maths in schools, whilst also increasing levels of physical activity active maths –

Differentiation through depth and breadth – Karen Sedgwick

This workshop will look at how differentiation and greater depth can be applied to the mastery classroom

'What can we learn from Shanghai schools about teaching Mathematics?' –

Faye Glendinning and Mark Williams

This workshop will focus on:

- Identifying key successful approaches which can be transferred to UK classrooms
- Sharing ideas.

Lesson Design Hazel Howatt

Refining understanding of good lesson design, and being able to use resources well, is a crucial element in developing teaching for mastery. Participants should gain a deep understanding of the elements of effective lesson design and how the big ideas of mastery influence this, particularly with regard to small steps of learning. They will be able to make good decisions about what to include or leave out, and when to supplement the materials with their own.

Venue:

Walsall Learning Centre, Samuel Johnson Building, Gorway Road, Walsall , WSI 3BD



**To reserve your place, and book two workshops
please use this [link](#)**

***A non-cancellation fee of £50 will be applied if not notified of non attendance within 3 days of the event.**