Calculate, Don’t Count!

With the current emphasis on mastery and the importance of developing pupils’ deep conceptual understanding and sustained learning, this work group will increase teachers’ knowledge and understanding of mathematical structures relating to the four operations. Participants will explore the use of models and representations, including the part whole model, bar models and tens frames.

Participants will also develop their understanding of the use of procedural variation/ intelligent practice to support children’s learning by making small connected steps. Following our approaches, children will develop their use efficient strategies to increase fluency in calculating.

This workgroup is suitable for class teachers who want to develop their practice regarding the teaching of calculation and procedural variation and Maths Subject Leaders of schools who want to develop their mastery practice.

Led by: Katie Crozier & Claire Gerrard

Katie Crozier
Katie is a lead practitioner in maths at Eynesbury Primary School, St Neots and also teaches at Brampton Village Primary School. She spends her time between the two schools each week, focussing mainly on the teaching of maths and music. Katie completed her MaST course in July 2013 and went on to continue her studies with Northampton University; she has just finished writing her dissertation on multiplicative reasoning to complete her Masters’ Degree in Mathematics Education. She has been trained as a Mastery Specialist Teacher by the NCETM and works with the Cambridge Maths Hub to support schools in developing a mastery teaching approach in maths.

Claire Gerrard
Claire is Deputy Head and Maths Leader of Thorndown Primary School in St Ives. She is passionate about inspiring both children and teachers to share her love of maths and firmly believes that, with the right support, everyone can enjoy and succeed in maths. Following her NCETM training as a Mastery Specialist Teacher, Claire has been leading the development of mastery in maths within her school. She has also facilitated a Teacher Research Group, as part of the Cambridge Maths Hub, to support other schools in developing their mastery practice.

Dates:
19th Oct, 2nd Nov & 7th Dec

Time:
1 pm - 3:15 pm

Venue:
Thorndown Primary School, St Ives

For bookings email:
admin@cambridgemathshub.org

FREE