

Teacher Research Group: Learning from an expert practitioner

Subject Knowledge Focus



Overview

Wimborne Teaching School and Jurassic Maths Hub are very excited to be able to offer an opportunity to be part of a Maths teacher research group during the academic year 2017-18. We are looking for 10 maths practitioners who are using a high-quality textbook material, such as 'Maths-No problem!' and wish to develop their practice and learn how to use the material effectively. This is an opportunity to work collaboratively with other practitioners alongside a leading 'expert practitioner' to gain a deeper understanding of teaching for mastery and the CPA approach, supported by the use of a textbook.

Who is this for?

Primary school based practitioners leading the planning and provision of mathematics using a high-quality textbook, such as 'Maths-No problem!'

What is involved?

One twilight introductory meeting followed by 4 half days spread over the academic year with gap tasks between them to embed learning. There is the expectation that gap tasks will contribute to the next meeting and then be concluded by a presentation to the Heads and maths leads of the participating schools at the end of the project.

Intended Outcomes

This is a collaborative project which will give participants a deeper understanding of the principles and pedagogies related to teaching for mastery. It will provide an opportunity to gain a deeper understanding of the use of concrete and visual representations and effective use of high quality textbooks based upon the mastery approach.

The teachers taking part in this research would be expected to demonstrate commitment towards the project over the course of the year and attend each of the meetings. There would be an appreciation of, and commitment to, the importance of embedded professional development to support deep and sustainable professional learning and practice.

Mastery and Textbook Research

The wider context

There has been a clear Primary / Secondary focus via the NCETM work on teaching for mastery and the use of a textbook. This work builds upon previous teacher research groups and how effectively collaborative groups can support and develop mathematical learning and reflect upon best practice.

Expectations of participants and their schools

Participants in this Work Group will be expected to attend the following face to face sessions, to be held at Kings Park Academy & Colehill First School on:

Monday 11th/12th December 2017 4pm (11th Colehill, 12th Kings Park)

Wednesday 31st January 2018 am

Wednesday 7th March 2018 am

Wednesday 16th May 2018 am

Wednesday 13th June 4pm

Participants in this Work Group will be expected to contribute case studies of particular children to the work group evaluation (which would just be part of everyday practice) and to engage in professional dialogue at face-to-face sessions. This will include addressing common mathematical misconceptions and evaluate best practice across our hub.

Who is leading the Work Group?

This work group is being overseen by Katharine Anstey and Louise Jeffs, two experienced Maths SLE's who have contributed to numerous national action based research projects. The work group will be led by two experienced Maths practitioners: Sean Rayner and Matt Cameron. Both teachers have experience of working in schools using Maths - No Problem! and contributed to the highly successful teacher research group in 2017 and presented at the Maths Hub conference in June.

If I'm interested, what next?

Complete the Expression of Interest (EOI) form and send it to: jurassicmaths@woodroffe.dorset.sch.uk

If you require any further information, please contact Louis Jeffs at: ljeffs@wimborneacademytrust.org

You must be available to attend all the above face-to-face sessions and see the project through to its conclusion in the summer term.

Please express your interest by Friday 24th November.