

# Mathematics and Subject Knowledge Enhancement for Primary Teachers

The Maths Hubs network across England works on projects around national maths education priority areas. One of the Maths Hubs' priorities is to provide high quality training to improve children's understanding, with a particular focus on practitioners' subject knowledge. Each participating Maths Hub runs a local Work Group, where teachers come together over a period of time to work on areas defined by the project. Read on to find out more about your local work group.

## Overview

This work group aims to help maths leads and primary teachers improve their knowledge of primary mathematics content (subject knowledge) with a particular emphasis on mathematical structures in key areas. Teachers will also develop their understanding of the background pedagogy (how children learn maths) so that their teaching can be more effective. Approaches explored during the work group will be consistent with Teaching for Mastery. It will contribute to a national project, with participation across the Maths Hubs network in England, which aims to refine and perfect a subject knowledge enhancement improvement model that maximises effective teaching.

## Who is this for?

Primary School Teachers.

## What is involved?

**Session 1:** Intro to WYMH, place value and number sense.

**Session 2:** Understanding the structures of addition. Looking at the progression of addition from KS1 - KS2. Sharing best practice and exploring new ideas incorporating a CPA approach.

**Session 3:** Exploring the structures of subtraction in KS1 and KS2.

**Session 4:** Multiplication - similar structure to session 2.

**Session 5:** Division - similar structure to session 2.

**Session 6:** Reflection activities.

## Venue

The Maltings College, Maltings Road, Halifax HX2 0TJ.

## Dates

28th January 2019  
25th February 2019  
18th March 2019  
8th April 2019  
13th May 2019  
3rd June 2019

## Prerequisites

Full commitment is expected for this project. Teachers taking part will be expected to present evidence of impact throughout the workshops. It is strongly recommended that the senior leadership team show support and willing to ensure schools fully benefit from participation.

## What next?

Interested in taking part in this project? For further information please email West Yorkshire Maths Hub at [wymathshub@trinitytsa.co.uk](mailto:wymathshub@trinitytsa.co.uk) by **Friday 9th November**.

For more  
information  
contact us by  
Friday 9th  
November