



Primary Maths Programme of Support

Introduction:

In response to the excellent feedback at the County Primary Heads Conference, we are delighted to have secured an offer of a series of maths courses led by **Helen Hackett** (Maths & Professional Development Executive, Excelsior MAT based at the Maths Academy, Parkfield Community School) and her colleague **Claire Craddock**, Deputy Headteacher and Maths Leader – World’s End Junior School. Both work in a Maths No Problem Accredited model school & are Strategic Partners for Central Maths Hub linked to NCETM.

These courses have been designed for East Sussex schools as part of our priority to improve maths outcomes in the county. They are planned to support and deliver CPD to complement the excellent work already on offer from Education Improvement Partnerships and Teaching School Alliances. As part of the move towards a self-improving school system we are working ever more closely with EIPs and TSAs in East Sussex to improve outcomes for all pupils.

Funding:

There is no charge for any of the courses offered and some schools may qualify for a contribution towards any supply cover that might be needed. There is a limited fund for supply and so this will be assessed on a size of school and financial basis.

Mastery in maths for senior leaders: Helen Hackett and Claire Craddock Central Venue to be confirmed	
Monday 5th Feb FULL DAY 9.30am – 3pm	<p>Focus: An introduction to mastery (What/Where/Why) to ensure everyone has a joint understanding of what Teaching for Mastery is and how this fits within the National Curriculum and raised expectations for attainment in the new NC. Demo lessons, lessons from other countries and developing fact fluency, monitoring, what does a good maths lesson looks like with a focus on how to organise/differentiate. It will enable Senior Leaders to be confident in what to look for in a well-planned maths lesson.</p> <p>Audience: HTs SLT, NQT mentors. There will be points throughout the day for questions and both facilitators can answer questions and provide guidance for a range of contexts based on experience and training.</p>
Mon 18th June	Repeat of above.
Subject Leader mastery Course 2 days: Helen Hackett : Venues to be confirmed	
Tuesday 6th Feb Day 1 of a 2 day course FULL DAY 9.30am – 3pm	<p>Focus: Mastery for Subject leaders. The whole structure of maths lessons with the CPA approach, mixed ability teaching, questioning throughout, starting every lesson with a problem (not an LO), providing additional challenge through problem solving. The aim is to enhance reasoning and problem solving.</p> <p>The day will also cover how subject leaders can support/develop lesson planning across the school within the Mastery framework.</p>
Thurs 1st March Day 2 of a 2 day course. FULL DAY 9.30am – 3pm	<p>Focus: How to support and monitor planning: (can include member of SLT and Inclusion leader for this session). This day will include looking at lesson structure and how to plan a lesson following a TfMastery approach. Key resources such as the NCETM for planning will be explored. Those who attend will work in groups to plan lessons as one of the tasks within the day. Consideration will be given to how to plan to scaffold and challenge in a mixed ability classroom setting. Lesson observations will be discussed and example proformas shared. Approaches such as lesson study and open lessons will also be highlighted.</p> <p>One of the sessions will include looking at learning in pupil books and discussing how to make work scrutiny effective and how to monitor maths books.</p>
Repeat of above If there is high demand for this course, we can consider 2 venues	
Mon 26th March FULL DAY – 9.30am – 3pm Day 1 of a 2 day course	
Mon 23rd April FULL DAY – 9.30am – 3pm Day 2 of 2 course	

Subject knowledge enhancement for classroom practitioners 3 half days: Helen Hackett

The subject knowledge enhancement course is about developing teacher's own subject knowledge. It is about them doing the maths in order to develop their understanding to be able to teach the maths effectively in their own classrooms. The focus will be on representation and structure in order to develop a deep understanding of the mathematics and enable children to choose and use the most efficient strategy for calculation, including the written method, when appropriate. Teachers will develop their understanding of what progress looks like moving from Concrete to Pictorial and finally Abstract. Attendees will be signposted to further free support/resources.

Attendees sign up for all 3 half days and complete gap tasks in between sessions
(NB: Place value and bar modelling will be including within the day)
These are very practical sessions using lots of equipment to explore the maths concepts

A programme of 3 HALF DAYS open to all primary teachers

Wed 28th Feb Half Day 1pm – 4.30pm	Day 1 of 3 Addition and Subtraction – Ensuring progress
Tues 27th March HALF DAY 1pm – 4.30pm	Day 2 of 3 Multiplication and Division - Ensuring progress Early multiplication and division concept development – CPA - and focus more on introducing written methods with depth of understanding, rather than a rote procedure. This day will include place value and bar modelling for multiplication and division. It will also include activities to support learning of times tables.
Tues 24th April HALF DAY 1pm – 4.30pm	Day 3 of 3 Fractions Ensuring progress and concept development This day will include bar modelling and calculations with fractions.
Repeat of above: programme 3 half days	
Tues 5th June 1pm – 4.30pm	Day 1 of 3 Addition and Subtraction – Ensuring progress
Wed 6th June 1pm – 4.30pm	Day 2 of 3 Multiplication and Division - Ensuring progress
Tues 19th June 1pm – 4.30pm	Day 3 of 3 Fractions Ensuring progress and concept development
Maths for year 5 and 6 teachers – Problem solving and reasoning - Claire Craddock Venues to be confirmed This is a one day course repeated in three different venues across the county	
Tuesday 6th Feb FULL DAY 9.30am – 3pm	This one day course will mainly focus on problem solving and reasoning and links between calculations. There will be an opportunity to address issues that delegates would like to raise.
Thurs 1st March FULL DAY 9.30am – 3pm	This one day course will mainly focus on problem solving and reasoning and links between calculations. There will be an opportunity to address issues that delegates would like to raise.
Mon 26th March FULL DAY 9.30am – 3pm	This one day course will mainly focus on problem solving and reasoning and links between calculations. There will be an opportunity to address issues that delegates would like to raise.

Booking places:

In order to secure places for these courses please email Laura Marshall on Laura-Jane.Marshall@eastsussex.gov.uk
Please book as soon as possible as places will be allocated on a first come first served basis and it will also help us to secure appropriate venues and catering.

If you have further questions please contact Carrie Beech, Project Lead: Primary & Early Years or Jonquil King, Consultant Headteacher on Carrie.Beech@eastsussex.gov.uk or PrimaryConsultant.Headteachers@eastsussex.gov.uk

This is an exciting opportunity to work with leading national practitioners and one not to be missed.