

**WEST ESSEX PRIMARY HEADS' ASSOCIATION AREA CONFERENCE  
MANOR OF GROVES HOTEL AND CONFERENCE CENTRE  
FRIDAY 19 MAY 2017**

**MEETING SUMMARY: ISSUES AND RECOMMENDATIONS**

p 2	<b>ATTENDANCE LIST AND APOLOGIES</b>	<p><b>Welcome to the following Headteachers:</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Tim Bowden</td> <td>Ongar Primary (Acting)</td> </tr> <tr> <td>Ian Kendal</td> <td>St Alban's Catholic Academy</td> </tr> <tr> <td>Vanessa Thomas</td> <td>Dr Walker's CE Primary, Fyfield</td> </tr> <tr> <td>Kim Williams</td> <td>Theydon Bois Primary</td> </tr> </table>	Tim Bowden	Ongar Primary (Acting)	Ian Kendal	St Alban's Catholic Academy	Vanessa Thomas	Dr Walker's CE Primary, Fyfield	Kim Williams	Theydon Bois Primary
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p 3	<b>Building the Outstanding Maths School: Helping schools meet the challenges and opportunities of the 2014 National Curriculum for Primary Mathematics</b>	<p>Sami Miller: Independent Primary Mathematics Expert</p> <p>Sponsored by the Oxford University Press</p>								
p 4	<b>DATES AND TIMES OF FUTURE MEETINGS 2016/17 - 18</b>	<p><b>WEST meetings with the Local Authority officers 2016/17 – 18 at the Weston Homes Business Centre, Takeley</b></p> <p>Wednesday 21 June 2017          Wednesday 15 November 2017          Wednesday 28 February 2018          Wednesday 20 June 2018</p> <p><b>WEPHA Conferences, Manor of Groves</b></p> <p>Friday 22 September 2017          Friday 2 February 2018          Friday 18 May 2018</p> <p><b>Deputy Headteachers' Annual Conference</b>          Friday 6 October 2017 Weston Homes Community Stadium</p> <p><b>Headteachers' Annual Conference 2018</b>          Friday 23 March 2018      Stock Brook Country Club, Nr Billericay</p>								

**WEST ESSEX PRIMARY HEADS' ASSOCIATION AREA CONFERENCE**  
**FRIDAY 19 MAY 2017**

**Headteachers present**

Isobel Barron	Roseacres Primary/Chair
Dale Bateman	Coopersale & Theydon
Jackie Blackburn	Upshire Primary
Lesley Brennan	Kingsmoor Primary
David Burles	Fawbert & Barnard Primary
Rachel Callaghan	Katherine Semar Juniors
Karen Cayford	St Mary's CE Primary, SW
Deb Garfield	Aspire Academy
Lawrence Garside	Felsted Primary
Elizabeth Gelston	The Downs Primary
Louise Gurney	Debden CE Primary
Katie Henson	Milwards Primary
Alison Kerrell	Great Bardfield Primary
Bernadette Miele	Tany's Dell Primary
Julie Puxley	Katherine Semar Infants
Colin Raraty	Rodings Primary
Sonia Strickland	Little Hallingbury CE Primary
Jonathan Tye	Churchgate CE Primary
Kim Williams	Theydon Bois Primary
Matt Woolard	Hereward Primary

**In Attendance**

Pam Langmead	EPHA Professional Officer
Sami Miller	Maths consultant
Gill Grant	OUP
Annabel Colley	OUP

**Apologies**

Mary Evans	The Henry Moore Primary
Julie Lorkins	St Andrew's CE Primary

**School staff in attendance**

Julie Atkins	Aspire Academy
Karen Kirk	Church Langley Primary
Jen Lott	Church Langley Primary
Meena Patel	Coopersale & Theydon Primary
Gemma Seal	Fawbert & Barnard Primary
L Crow	Great Bardfield Primary
Amy Sargeant	Great Chesterford CE Primary
Sam Govey	Great Easton CE Primary
Victoria Marrow	Hatfield Heath Primary
Rib Aiken	Hatfield Heath Primary
Michelle Collier	Hatfield Heath Primary
Laura Kendle	Jerounds Primary
Rob Lock	Kingsmoor Primary
Mark Abbott	Milwards Primary
Colette Burke	Pear Tree Mead Primary
Jo Cooper	RA Butler Academies
Andy Leeman	RA Butler Academies
Owen Wright	Rodings Primary
Hannah Wheatcroft	St Andrew's CE Primary, North Weald
Chloe Flack	St Andrew's CE Primary, North Weald
Sophie Richards	St James CE Primary
Casey Cox	St James CE Primary
Matthew Curzon	St Mary's CE Primary, Stansted
Joe Colebourne	St Mary's CE Primary, Stansted
Sam Pike	St Mary's CE Primary, Saffron Walden
Elaine McNally	St Thomas More Catholic Primary
Tammy Furlong	St Thomas More Catholic Primary
Lauren Munroe	Tany's Dell Primary
Debbie Clifton	Tany's Dell Primary
Lauren Smith	Tany's Dell Primary
S Weekly	The Downs Primary
Sarah Cowley	The Henry Moore Primary
Ross Tyrell	The Henry Moore Primary
Yvette Elysee	The Henry Moore Primary
Michelle Gritton	Upshire Primary
Jocelyn Hurry	Waltham Holy Cross Primary
Sarah Clarke	Waltham Holy Cross Primary
Karen Theedam	William Martin CE Juniors

Note: If your attendance or apologies have not been noted please contact the EPHA Professional Officer at pam@langmead.me.uk for amendment.

**NOTES OF THE SUMMER TERM WEPHA CONFERENCE HELD ON FRIDAY 19 MAY 2017  
COMMENCING AT 9.15 AM**

**Action**

**1. Building the Outstanding Maths School: Helping schools meet the challenges and opportunities of the 2014 National Curriculum for Primary Mathematics**

Sami Miller: Independent Primary Mathematics Expert

With over 25 years' experience in Primary Education Sami has taught from Reception to Year 6, been a deputy headteacher and spent 13 years as a LA Primary Maths Consultant. Previously a BEAM Consultant, MAST Tutor and Assessment Moderator, Sami is currently working as an Independent maths consultant. Throughout her career, Sami has specialised in primary maths supporting teachers to provide rich learning opportunities that develop pupils' understanding alongside skills and knowledge. Sami believes that a stimulating curriculum, high quality assessment and strong teacher subject knowledge are essential to high standards of attainment. By encouraging a creative approach to maths teaching and learning Sami believes schools can create the best possible opportunities for pupils to become enthusiastic mathematicians. Sami has always strived to keep mathematics at the heart of school life and above all has a passion for ensuring that children are taught to love maths and appreciate its importance in their lives

**What makes a mathematician and how to create a whole school maths vision?**

This session, through discussion, reflection and hands on activities, considered:

- current practice in your school and what you perceive the challenges to be
- how we challenge some of the negativity around maths
- the mathematics we need to be successful in life vs what is taught in school
- pupil aspirations and how to help them realise these
- the importance of making connections across teaching, planning and curriculum
- working towards mastery- what this looks like.

Sami noted that in order to be a successful mathematician, we require an agility with time, money, risk, logic, problem solving, estimation and approximation, calculation.

She suggested that teachers should talk to pupils about their aspirations and ask them to think what maths skills are needed for different professions.

What contributes to a pupil's perception of themselves as a learner?

- What they see
- What they hear

- How they feel
- What they are asked to do
- The feedback they received
- Targets, assessment and testing
- How others perceive them

What contributes to a teacher's perception of the pupil as a learner?

- What they see
- What they hear
- How they perceive what the pupil feels
- How the pupil responds to what they are asked to do
- Their experience of the learning of similar pupils
- Assessment information and tracking data

Sami referred to the NCTM Teaching for Mastery books (Oxford Owl) and explained there was a key balance between knowing the answers – getting it right – and actual understanding.

### **Delivering the 2014 National Curriculum aims**

The inspirational aims of the 2014 National Curriculum- Fluency, Problem Solving and Mathematical Reasoning and how these are woven into every maths lesson whilst ensuring that 'using and applying' remains at the forefront of all teaching and learning.

Sami reminded delegates of the statement in the National Curriculum 2014:

Mathematics is a creative and highly inter-connected discipline that has been developed over centuries, providing the solution to some of history's most intriguing problems. It is essential to everyday life, critical to science, technology and engineering, and necessary for financial literacy and most forms of employment. A high-quality mathematics education therefore provides a foundation for understanding the world, the ability to reason mathematically, an appreciation of the beauty and power of mathematics, and a sense of enjoyment and curiosity about the subject.

### **What are the building blocks of a maths rich school and community?**

This session, through discussion, reflection and hands on activities, sets out to:

Focus on the need to challenge the perceptions and attitudes of parents, staff and pupils to ensure that maths is seen as an essential, enjoyable stimulating subject.

Consider ways in which the vast majority of maths teaching should be contextualised and given a purpose, therefore increasing motivation for pupils.

Sami discussed the following ways in which mathematics can be incorporated in and across the curriculum:

*Maths trips* – considering how maths can be used as a focus on school trips

*Cross-curricula maths*

### *Maths through picture books*

Some titles Sami suggested were

- Zero – Kathryn Otoshi
- If the world were a village
- Head to head
- How many legs?  
The Hundred Decker Bus
- If
- The King's Chessboard
- The Rabbit Problem

### *Maths on display and in the environment*

*Maths games- including:*

*Origami,*

*Mathematical discussions*

*Maths at home*

*Whole school maths ethos*

### **Leading maths teaching and learning in your school**

This session considered how delegates could enhance mathematics teaching and learning when returning to school by reflecting on: how to ensure progress and consistency as well as maximising the potential of all learners in your school, maths policies, publications, assessment procedures, routines and resourcing, training plan and opportunities, subject knowledge and the role of adults.

Sami suggested that schools ask – *What are our challenges? Be clear where you stand and why, on:*

- Recording of work
- Setting v Mixed Ability
- Textbook/activity led
- Marking and feedback
- Involvement of parents
- Maths in SIP/CPD/Budget/resources and how they are used
- Role of adults in lessons
- Role of subject leader
- Assessment, testing, tracking and target setting

### **Developing the school's maths vision – the big statements**

- How is my school developing confident, capable, agile mathematicians?
- What do the National Curriculum aims look like in my school?

- What is my aspiration for developing a rich mathematical school and community?
- How are parents involved in supporting their children's learning?
- What might be standing in the way of progress?
- What are the staffing, training, time, financial implication I will need to take into account?
- What will the impact of these actions be on pupil progress, confidence and enjoyment be?

### **Resources**

PFEG Financial planning website <https://www.pfeg.org/>

National Numeracy <https://www.nationalnumeracy.org.uk/>  
Good stuff on parents helping their child

Jo Boaler – growth mindset in maths – Youcubed <https://www.youcubed.org/>

If the world were a village of 100  
[http://www.100people.org/statistics\\_100stats.php?section=statistics](http://www.100people.org/statistics_100stats.php?section=statistics)

Maths games <https://nrich.maths.org/primary-lower>  
<http://primarygamesarena.com/Subjects/Maths>

Worldometers

Live world statistics on population, government and economics, society and media, environment, food, water, energy and health.  
<http://www.worldometers.info/>

Dr Rachel Marks – Blue table means you don't have a clue" - the persistence of fixed-ability thinking and practices in primary mathematics in English schools  
<http://www.wwwords.co.uk/rss/abstract.asp?j=forum&aid=5348>

**Contact Sam Miller**

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mobile: 07956352870

## 2. OXFORD UNIVERSITY PRESS – SPONSOR INFORMATION

Links to the Oxford Owl website – Owl is now an online subscription tool. It is the heart of our School Improvement Service. *Oxford Owl* for school gives all your staff easy access to school improvement support you can trust, in one place, saving you time. [About Oxford Owl](#)

### Free Mastery Training Toolkit

Working with Mike Askew as author and Steve Lomax (aka MaxTheMaths) as reviewer, we have created a free **Mastery in Mathematics Training Toolkit**, including step-by-step guidance, tools and advice. The Training Toolkit can be used by individuals for personal development, in groups or as part of an INSET or twilight whole-school session.

Log in and take a look: <https://www.oxfordowl.co.uk/direct-link/training-toolkit>

- **Mastery in Maths** <https://www.oxfordowl.co.uk/direct-link/using-mastery-in-maths>
- **Number & Calculation Guide:** <https://www.oxfordowl.co.uk/direct-link/number-calculation>
- **Problem Solving in Mathematics videos:** [https://www.oxfordowl.co.uk/direct-link/problem-solving-in-mathematics?sort\\_field=order&sort\\_dir=asc&toggle=header-block-information-closed&query=&series=&resource\\_type%5B%5D=Video#](https://www.oxfordowl.co.uk/direct-link/problem-solving-in-mathematics?sort_field=order&sort_dir=asc&toggle=header-block-information-closed&query=&series=&resource_type%5B%5D=Video#)

Oxford Owl is also home to free resources for parents too. These are free of charge – including maths support and 260 free E books.

<http://www.oxfordowl.co.uk/for-home/>

If you need any further information about Oxford University Press resources and support please visit the [maths pages](#) on their website or contact [annabel.colley@oup.com](mailto:annabel.colley@oup.com)  
Mobile: 07714 136 628

## 3. DATES AND TIMES OF FUTURE MEETINGS 2016/17 AND 2017/18

### **WEST meetings with the Local Authority officers-at the Weston Homes Business Centre, Takeley**

Wednesday 21 June 2017

Wednesday 15 November 2017

Wednesday 28 February 2018

Wednesday 20 June 2018

### **WEPHA Conferences, Manor of Groves**

Friday 22 September 2017

Friday 2 February 2018

Friday 18 May 2018

### **Deputy Headteachers' Annual Conference**

Friday 6 October 2017 Weston Homes Community Stadium



**Headteachers' Annual Conference 2018**

Friday 23 March 2018      Stock Brook Country Club, Nr Billericay

The meeting ended at 3.30 pm