

I See Maths

presents

TWILIGHT MASTERY IN MATHEMATICS TRAINING WITH GARETH METCALFE

AVAILABLE FROM SEPTEMBER 2016

**NO INSET DAYS AVAILABLE? Still need effective, practical
maths training for your WHOLE STAFF? We can help!**

Gareth Metcalfe Twilight Training

*Inspiring, practical training
for deepening mathematical
understanding throughout the school.*

*Cluster with local schools and share
the cost!*

MAKE MONEY by selling out places!

4.00 - 6.30pm

COSTS

*One school: £750 per school
Two schools clustering: £650 per school
Three schools clustering: £550 per school
Four schools clustering: £500 per school*

*Prices above plus travel at 48p per mile and
60p per handout for photocopying. A 10%
discount is offered to schools who book
multiple twilight training sessions.*

**IF SCHOOLS WISH TO SELL OUT ADDITIONAL
PLACES TO OFFSET COSTS WE ASK THAT THEY
CHARGE NO MORE THAN £60 PER PLACE.
We add an additional £40 for each place
'sold on' and the school retains £20.**

*Full options for content are listed overleaf. All parts of the training will be punctuated
with practical ideas, questions and tasks that can be used in the classroom. The training will
help children to develop a deep understanding and an enjoyment of mathematics.*

**TAILOR-MAKE YOUR TWILIGHT PROGRAMME TO PROVIDE THE MOST EFFECTIVE TRAINING
FOR YOUR STAFF.**

to book call **077899 38923** or email **info@alanpeat.com**

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FIND OUT MORE

Choose from the following training options to suit your specific school needs.

Creating a positive maths culture – a whole-school model for promoting effective mindsets towards learning mathematics **(25 minutes)**.

Facilitating high-quality talk – making the skills of high-quality maths talk explicit to children **(15 minutes)**.

Developing pre-calculation skills – exploring the skills and knowledge that children need in order to develop early calculation skills **(30 minutes)**.

Supporting calculation through models and images – using models and images to develop an understanding of key calculation concepts for all age-groups **(20 minutes)**.

Exploring concepts practically – examples of how to introduce maths topics using practical, visual tasks which can be accessed in mixed-ability groups **(20 minutes)**.

Bar modelling – using bar models to represent a range of maths questions pictorially **(20 minutes)**.

Writing effective questions – a range of strategies for writing questions that stretch a child's understanding of a concept **(20 minutes)**.

Developing reasoning in daily maths lessons – ways to structure tasks that lead to discussion over strategy, children making generalisations and to mathematical reasoning **(15 minutes)**.

Low-access, high-threshold maths games – a range of games and tasks that children of all abilities can access yet with the potential for deeper learning **(15 minutes)**.

Assessment for learning in maths – time-efficient high-impact approaches to marking, providing feedback and planning next steps based on assessment judgements **(20 minutes)**.

The Maths Apprenticeship – rich, extended UKS2 tasks for applying learning in meaningful contexts **(20 minutes)**.

First Class Maths – novel, challenging tasks that deepen learning for high-attaining Y6 children **(15 minutes)**.

Teaching and learning problem-solving skills – a whole-school approach for teaching problem-solving skills, with example tasks and questions **(25 minutes)**.

Technology to enhance learning – how to make and use videos to scaffold learning, as well as looking at maths apps including Logic Squares **(10 minutes)**.

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GARETH METCALFE

Gareth is an Assistant Headteacher who has developed a range of innovative, high-impact teaching methods in mathematics which have resulted in outstanding value-added measures. He is a maths consultant for his local authority, and leads maths conferences and INSET training events locally and nationally, receiving consistently outstanding feedback.

Gareth has won a national science teaching award, the Primary Science Teaching Trust Keith Bishop Award, and is the author of the pioneering maths resources *The Maths Apprenticeship*, *First Class Maths* and the iPad app *Logic Squares*. He is the lead director of the pioneering organisation 'I See Maths Ltd'.

Gareth's training is grounded in pedagogical research and is highly practical, helping teachers to develop a rich, practical and engaging maths curriculum.

Gareth Metcalfe is the author of...



First Class Maths (English & Welsh Editions)



The Maths Apprenticeship (Student & Teachers' Editions)