

**I SEE MATHS** ltd **presents...**

Comprehensive in-school training:

# Example Lessons followed by Staff Meeting

*with Gareth Metcalfe*

Invite NCETM-accredited teacher Gareth Metcalfe to run model maths lessons, focusing on key aspects of teaching for mastery. Pre/post lesson discussions evaluate the impact on learners. Follow up this support with inspirational whole-school maths CPD that is planned bespoke to school priority areas.

Host up to three demonstration lessons per day, with pre/post-lesson discussions held to evaluate the impact of lessons on learning and consider next steps. Schools can identify the specific foci for lessons so CPD is matched to school development priorities.

A staff meeting can also be run, bespoke to the school, based on the principles of teaching for mastery.

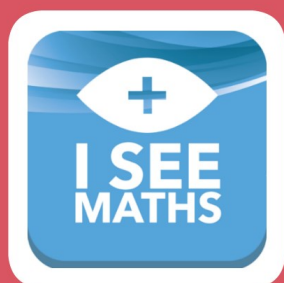
## Costs

**£675<sup>+VAT</sup> for demo lessons  
& staff meeting day**

Plus travel and accommodation expenses.

Staff from other schools can be invited for the whole day for £60 or to the staff meeting only for £40. The host school retain 75% of the fee.

An additional £50 is charged to extend training into a twilight session. Prices are reduced by £100 where there is no staff training.



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Continuing Professional  
Development  
Standard

National Centre  
for Excellence in the  
Teaching of Mathematics



'Particular strengths of **I See Maths** are the quality of the CPD offered in terms of subject knowledge, pedagogy and embedding this into classroom practice.'

**National Centre for Excellence in the Teaching of Mathematics**

## Training and lesson design focus on:

### Teaching Problem-Solving

We explore how problem-solving can be made accessible to children of all ages and levels of attainment, introducing deep mathematical investigations in small steps. We see how equipment, images and worked examples can be used to build understanding, and a range of ideas and resources for extending learning are showcased.

### Early Number Sense

A range of practical games and activities can be shown that support children's ability to recognise quantities and develop their number sense. Ideas show how counting activities can be deepened, how subitizing skills can be built and how to encourage mathematical talk.

### Embedding Reasoning

Opportunities can be provided for children to reason in each small step of their learning. Techniques for unpicking misconceptions are shown and we explore how equipment and bar modelling can be used to deepen children's understanding. We will also look at opening up tasks so children can explore each objective at greater depth. Techniques for assessment and differentiation will be shared.

### Gareth Metcalfe

Gareth is an experienced school leader and current practitioner who works schools and local authorities to promote deep, visual learning in primary maths. He has won a national teaching award, has written a range of pioneering maths resources and is the Director of 'I See Maths Ltd'. His practical training is grounded in pedagogical research, helping teachers to develop a rich and engaging maths curriculum.