

HOST A TRAINING DAY

Early Number Sense: Beyond Counting

with Gareth Metcalfe

I See Maths Ltd

This course will de-mystify how children develop number sense, helping children in EYFS and KS1 to build strong mathematical foundations. We will see how children can learn to calculate using non-counting strategies and play with big mathematical ideas. A range of Ideas and resources for developing reasoning for children in EYFS and KS1 will be provided – an exciting vision for early maths!

Cost Option 1

Host school have 4 free places

Host school delegates: £40+VAT
or £30+VAT for events of 20+ people

Other delegates: £60+VAT

Minimum of 15 delegates

Plus travel and accommodation expenses.
Refreshments provided by host school.

Cost Option 2

£695+VAT for 12-18 delegates

£745+VAT for 19-29 delegates

£895+VAT for 30+ delegates

Plus travel and accommodation expenses.
Refreshments provided by host venue.



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Continuing Professional
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National Centre
for Excellence in the
Teaching of Mathematics



Course Objectives



- Identify the skills and concepts that children need to understand to develop a strong number sense
- To make effective use of equipment and images to recognise quantities and build understanding of key concepts
- To give children the experiences that will enable them to understand and use non-count-in-ones calculation strategies
- To develop mathematical reasoning for all children in EYFS and KS1

Overview

Research highlights the critical importance of children's early number skills in their overall mathematical development.

This course gives a clear approach for how children develop a strong number sense and learn to calculate in early mathematics. We will explore the important early mathematical experiences that will allow children to develop a secure 'number feel'. A wide range of free resources that help children to visualise number will be shared. Then, we explore how effective long-term strategies for calculation can be introduced and developed through KS1.

Examples will be shared of how fluency in EYFS and KS1 mathematics can grow as children engage with rich problems. A range of new ideas and free resources for Early Years and KS1 teachers will also be shared. This training is ideal for school leaders, subject leaders and all EYFS-Y2 staff.

'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.'

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