# Meet Our *Inspire Maths* Consultants

We have a team of *Inspire Maths* Consultants based across the UK, please read about each individual below:

<table>
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<tr>
<th><strong>Sue Lowndes</strong></th>
<th>Sue Lowndes, PD leader and a UK expert in the Singapore approach to teaching mathematics, has taught the full age range from primary to graduate level alongside working as a consultant, editor and author over a 30-year career. She has worked throughout the world, most recently in Singapore and the USA, and is committed to raising mathematical achievement for all.</th>
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<th><strong>Andrew Jeffrey</strong></th>
<th>Having taught for twenty years, Andrew is now the director of Magic Message Ltd delivering primary maths training, and is fully acquainted with the demands of the primary classroom. He works domestically and internationally, as well as being an independent primary maths consultant and keynote conference speaker, and is one of the experts responsible for delivering OUP’s expert events. Andrew is also known for his alter-ego as the Maths Magician and is the original creator of the ‘Magic of Maths’ show, seen in over a dozen countries on three continents. He is fluent in nearly two languages. Andrew has first-hand experience of the Singapore approach having visited the country on several occasions</th>
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<th><strong>Caroline Clissold</strong></th>
<th>Caroline is an experienced teacher, having taught from Years 1 to 6. For nine years, she was the mathematics consultant for a London borough, responsible for implementing the National Numeracy Strategy into local schools and subsequently the renewed version. She used to be coordinator and maths hub advisor for the NCETM, a role which taught her a great deal about mastery in mathematics. She now works as a freelance consultant, her jobs include: Inspire Maths trainer, Numicon trainer, delivering INSET and supporting the teaching and learning of a mastery mathematics curriculum in various schools in London and the South East of England. Caroline has had many articles and books published. Her main interests lie in integrating, using and applying speaking and listening skills in a meaningful, engaging way into the mathematics curriculum, helping children to understand how concepts and ideas in mathematics link together and incorporating mathematics into the wider curriculum.</th>
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Charlie Harber

Charlie Harber is passionate about nurturing a deep love of mathematics in all children by making maths real, exciting and accessible for all. She believes strongly in the use of the concrete, pictorial, abstract approach to teaching mathematics to build strong conceptual understanding, allowing deep understanding to be nurtured in all children.

Charlie’s training and consultancy is always highly evaluated and has been described as inspirational, highly motivating and fun!

Charlie brings considerable experience of working across the whole of the primary age range as a teacher, subject leader and Assistant Head Teacher. She has been an accredited Local Consultant for Improvement: Primary mathematics since 2010.

Julie Mitchell

Julie has taught at primary level across all age groups of state, independent and international schools. As a headteacher of two pre-prep schools and a maths subject leader at a prestigious school, one of Ofsted’s November 2011 report ‘Good practice in Primary Mathematics: evidence from 20 Successful Schools’, she has experience of raising maths attainment and embedding best practice. She still regularly teaches: in the classroom; and with children who struggle with maths, on a one to one basis. Having found maths intimidating as a child, Julie is passionate about developing confident and able mathematicians and is excited by the opportunity the Inspire Maths programme provides for giving children a sound understanding of maths to develop strong mathematical skills.

Liz Gibbs

Liz Gibbs is an experienced national and international independent mathematics consultant. She has over 17 years’ experience as a classroom teacher, teaching children from the age of 4 to 13 years old and has 10 years’ experience as a mathematics consultant with Suffolk LA. During 2003 – 2005 she was involved in the interactive whiteboard DfE project. Following the projects successful roll out, she spent some time working for the national strategies as a regional director for the East and East Midlands. Liz is an experienced and enthusiastic trainer who is passionate about mathematics. She is also recently published as one of four authors for Years 1 to 4 Numicon: Geometry Measures and Statistics and one of three UK editors for the Inspire Maths approach.

Liz Henning

Liz has worked in education for more than 30 years, teaching, coaching and training at primary, secondary and university levels. She has worked as a mathematics leader, LA advisory teacher, NW Regional Coordinator for the National Centre for Excellence in the Teaching of Mathematics (NCETM) and Northern Director for the Mathematics Enhancement Programme (MEP).

Liz now works as an independent consultant across the primary and secondary sectors. Liz is excited to be part of Inspire Maths initiative and believes this new approach, using carefully designed textbooks, will revolutionize mathematics teaching and learning in UK.
### Rachel Rayner

Rachel Rayner has been a mathematics local improvement consultant for 3 years. Previous to this she worked in primary schools in both London and Hertfordshire for over 18 years, including as a senior leader and maths lead, she is also an accredited Maths Specialist Teacher. In her role as a consultant, she leads research projects alongside teacher practitioners from clusters of schools that improve pupils’ fluency with number. Rachel’s specialism lies in developing maths practice across schools including implementing mastery for learning. She is especially passionate about ensuring that mathematics learning is underpinned by conceptual understanding through the CPA approach and well-constructed rehearsal that allow all pupils to be successful at mathematics.

In evaluations of training, her input has been described as both motivational and engaging and teachers value the highly practical exemplification she seeks to provide.

### Fiona Goddard

Fiona Goddard is an independent Mathematics Consultant supporting a number of schools in Northamptonshire and beyond, and has over 27 years’ experience in Education. She has taught throughout the Primary age range, from Reception to Year 6 as a class teacher, leading a Designated Special Provision, and was a Local Authority Maths Adviser and a School Improvement Adviser. She is an NCETM accredited Professional Development Lead Support provider for primary schools. She is passionate about the use of models and images and believes in the use concrete, pictorial, abstract approach to teaching mathematics. She wants all children to have the best experiences and opportunities enthusing them to enjoy and engage in mathematical thinking and develop deepened mathematical understanding to become confident mathematicians.

### Cheryl Everitt

Cheryl Everitt started teaching in a Special Needs School in 1970, before moving into mainstream primary education. Her career has been varied, with many years spent in both KS1 and KS2, with continued experience in special needs in a KS3 unit, and occasionally as SENCO. She continues to work in schools with children and teachers — in an advisory capacity as a teacher mentor, and with children on a 1:1 or group basis — with both able and struggling learners. Cheryl was very proud to receive the Ted Wragg Award for a Life Time Achievement in Teaching in 2009, followed by a Master’s qualification in 2010. As well as her current role in schools, Cheryl also works closely with the Head Teachers in a locality of schools – primary and secondary – where she facilitates Locality Learning through curriculum development and CPD, leads projects to raise standards in attainment in Mathematics and Literacy, and supports a team of Learning Mentors. Her expertise is in coaching and supporting teachers to build confidence and competence in mathematics teaching and learning.
Sian Thomas is an independent consultant with an absolute passion for all things mathematical. At the heart of her work is a desire to ensure the highest quality of mathematics learning for all. Her work is deeply rooted in the knowledge that everyone can succeed mathematically. Sian is a highly talented trainer who is able to carefully intertwine deep pedagogical learning into inspirational ideas to use in the classroom. Her ability to motivate practitioners to recognise the importance of real life context, rooted in conceptual learning and rich tasks has transformed their teaching of mathematics. Sian always promotes a growth mindset and a no ceiling approach to learning.

Sian has over 20 varied years of teaching, advisory and consultancy experience; working with schools and settings from Nursery to KS4. Her most recent role was as the mathematics advisor for Barnet LA. Sian is also an accredited NCETM PD lead for mathematics and an OUP trainer for Numicon and Inspire Maths. Her previous work includes the development and delivery of the MaST programme alongside Kings College and the IoE, managing and developing Barnet’s Advanced Learning Centres, developing and leading two successful international research trips on Creativity (FS to KS4) and co-ordinating the G&T provision and management for Barnet.

Bernie Westacott taught maths in independent prep schools for 39 years. He is passionate that children should learn maths through manipulating objects and drawing representations/models in order to help them develop conceptual understanding and mastery alongside procedural mastery. He introduced Singapore Maths into his school in 2006 and continued to develop that style of teaching across the school, until he retired from teaching in 2012. During that time, his school developed their own EYFS maths programme which, although based on the Singapore Kindergarten programme, was also heavily influenced by the educational research relating to fostering subitizing and pre-arithmetic concepts in young children. Since retiring, Bernie has worked as a consultant helping schools to implement the Singapore approach to the teaching and learning of maths. In 2015, he agreed to return to his school as a part-time, non-teaching head of department.

Val Willmott has 25 years’ experience in primary mathematics. During this time, she has been a class teacher, headteacher, education consultant and author. She has first-hand experience of implementing a multi-sensory, CPA approach throughout the primary age range, and has seen the benefits that this learning brings to all children’s enjoyment of, and achievement in, mathematics. She has a particular interest in promoting the use of low-threshold, high-ceiling activities that help to develop each learner’s critical and creative thinking skills. Val is committed to improving outcomes for all pupils, by giving teachers the time to explore and refine new ideas according to their pupils’ needs. She does this by encouraging teachers to collaborate, innovate, and share successes during sessions, alongside developing their pedagogical and subject knowledge of mathematics.
**Rebecca Holland**

Rebecca Holland is committed to facilitating the development of skills to improve education and outcomes for all children. She has gained a wealth of experience from working within Cheshire and across the North West and West Midlands as a Primary Teacher, Chair of Governors, Primary Mathematics Consultant and an Improving Schools Consultant.

Mathematics is an area of the curriculum that Rebecca has always been passionate about developing and enriching. She has worked with individual teachers, subject leaders, and whole school staff or through bespoke training courses to enhance other individuals’ enjoyment and understanding of progression within the subject with the aim of eradicating a negative attitude towards mathematics.

Funding from the National Strategies provided Rebecca with privileged opportunities to lead and co-ordinate a variety of evidence-based research projects, including a study on girls’ attainment within mathematics. Rebecca co-ordinated the roll out of the Mathematics Specialist Teacher Programme for Cheshire East and Knowsley local authorities in partnership with Edge Hill University, authored and co-ordinated the Teaching Assistant training programme and was a member of the ‘MaST’ Management Board.

Rebecca has achieved the National Centre for Excellence in the Teaching of Mathematics (NCETM) Professional Development Accredited Lead status and therefore features on the national preferred CPD provider directory. She is a member of the Mathematical Association and the Maths Recovery Council.

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**Adella Osborne**

Adella works as an independent primary mathematics consultant providing continuous professional development to teachers across the primary age range in mathematics. She is passionate about promoting children’s understanding of mathematics through the use of resources and mental imagery. Coming on board with Inspire Maths using the Concrete-Pictorial-Abstract approach complements everything she believes in.

Her expertise in the teaching and learning of mathematics and her deep subject knowledge is very much respected. Previously she was as a senior lecturer in mathematics education at the University of Brighton writing and delivering the MaST programme as well as teaching on the post-graduate and undergraduate maths courses.

Adella is also an author for Oxford University Press and has been part of the writing team for the Year 6 Numicon teaching handbook and supplementary materials, drawing on her classroom experience and subject expertise. She also runs workshops at conferences nationwide.

She has strong involvement in curriculum and assessment design having previously worked as a 3-14 mathematics adviser at QCA and is now an independent curriculum adviser for the DfE advising at different stages on the development of the KS1 tests.
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<th><strong>Steve Cox</strong></th>
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| Steve has taught throughout the full primary age range during a 23 year career, holding leadership positions (head & deputy) for the last 16 of those. More recently he has been working in a range of consultancy & training roles in schools in East London as well as leading training nationally. He is an experienced coach and has undertaken coaching training with The Institute of Education.  

He is particularly interested in working with schools on releasing the potential of leaders within schools to improve the pupil experience. Steve has a particular passion for mathematics & is interested in curriculum development which fires pupils’ enthusiasm for maths giving them a secure mastery of a fundamental skill for life. He is particularly interested in designing tasks which surface both children’s understanding and misconceptions in order that teaching can address these and secure progress can be made.  

Steve believes that mathematics teaching is fundamentally about enabling children to become fluent in a language that allows them to figure out and make sense of the world around them – a language which everyone has an entitlement to access and be excited by. |

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<th><strong>Lisa Lalor</strong></th>
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| Lisa Lalor has worked in primary schools for the last ten years as a class teacher, mathematics leader, member of senior leadership team, accredited Numbers Count teacher, Numicon Affiliate and a school based mathematics adviser in Barnet. She is now an independent mathematics trainer and consultant, associate adviser for BPSI and Numicon consultant for OUP. Lisa has delivered professional development opportunities across a wide range of areas of mathematics to educators in a number of schools.  

Lisa has held a lifelong passion for mathematics and is dedicated to improve maths education for all. She advocates the use of manipulatives and visual representations, such as Numicon, to embed understanding by making abstract concepts ‘real’. Lisa strongly encourages talk for learning through group problem solving and has a desire to reduce ‘maths anxiety’ which is so detrimental to teaching and learning. She believes everyone can do mathematics and promotes a growth mindset for children and adults alike. |

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<th><strong>Peter Warwick</strong></th>
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<td>In 1996 Peter Warwick left his job within accountancy &amp; credit &amp; financial analysis to train to become a teacher. 18 years later he has gained a wealth of experience within primary education, working within the London boroughs of Haringey, Barnet &amp; Enfield. For 10 years he held the simultaneous roles of Maths Subject Leader, Inclusion Manager, and senior member of the leadership team of a school in Barnet judged to be outstanding by Ofsted. During this period he helped oversee a significant improvement in standards and attainment in mathematics. As an Inclusion Manager he ran and oversaw the needs of SEN and Gifted &amp; Talented children. He also piloted a successful Closing the Gap project using ICT that enabled pupil premium children to fulfil their potential. He became an Advanced Skills Teacher in 2009 and supported many school across the borough of Barnet. Feedback indicated that his work was ‘outstanding’ and ‘invaluable.</td>
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Maria McArdle, MA Ed (Teaching and Learning)

Maria McArdle is passionate about mathematics: developing enjoyment, conceptual understanding and greater confidence for all teachers and learners.

After an initial career in Scotland, in ICT support at Strathclyde University, she received her PGCE (mathematics specialism) from the University of Nottingham and began her primary teaching career.

An experienced primary practitioner, Maria has experience as a Head Teacher, Local Authority Mathematics Advisor and Senior ITT Primary Mathematics Lecturer, where she works with trainee teachers and MaST teachers.

Maria has worked within EYFS, KS1 and KS2 and in a secure unit with adults with complex needs. Her research interests are outdoor learning, gender differences in attainment, and teachers’ and pupils’ confidence and anxieties and their relationship with attainment in mathematics. She is an accredited Numicon and Inspire trainer, a PD accredited member of NCETM and a member of the Mathematics Association, serving on its joint MA/ATM Primary Committee.

Maria loves having the opportunity to work with colleagues and children nationally, sharing and fostering a love of learning (particularly in mathematics).

Lynwen Barnsley

Lynwen Barnsley currently works as an independent numeracy consultant based in South Wales. An experienced practitioner, she has taught across all primary age groups, though has always had a particular interest in the Early Years. She started her teaching career working in the London Boroughs of Haringey and Enfield and it was here that she developed her interest in making mathematics accessible and fun for young children. She moved to Wales to take up the post of deputy head teacher in an infant school and then spent 14 years as the mathematics adviser for the City and County of Swansea, providing training courses and support for primary and secondary schools. Lynwen firmly believes that in order to learn effectively children need to be active and to talk about their learning and thinking. She has developed approaches that promote the understanding of mathematical concepts rather than an over emphasis on the learning of procedures and techniques. She is enthusiastic about Numicon because it gives children the opportunity to experience mathematical concepts and connections in a physical way, to visualize ideas and to communicate thinking. As well as being experienced in working with Numicon, Lynwen has had many years’ experience of delivering training in cognitive acceleration, in particular the Primary CAME and Let’s Think through Maths programmes. She is also currently providing specialist numeracy support to schools as part of the Welsh Government’s National Support Programme, with a particular interest in developing numerical reasoning.
### Helen Laflin

Helen Laflin is a primary mathematics specialist with fourteen years’ experience of working with children, teachers and leadership teams to raise standards in mathematics. Helen is an independent mathematics consultant, having previously worked as a school improvement consultant for Leeds City Council for eight years. Helen is also an Every Child Counts lead trainer working for Edgehill University. HM and Ofsted have rated Helen’s teaching as outstanding, and her mathematics subject leadership was recognised as fundamental to the raising of standards. She has a postgraduate diploma in early mathematics and intervention, and holds the National Centre for Excellence in the Teaching of Mathematics (NCETM) standard for professional development. Helen’s interest in how children learn is the result of her Psychology degree, and remains the focus of her work today. She is passionate about the role of models and images in ensuring children become fluent and confident mathematicians. Helen continues to balance consultancy and training adults with teaching mathematics to the lowest attaining children in school. She relishes the opportunity to work with children, and her ability to “practise what she preaches” as a mathematics specialist.

### Tracy Bolton

Tracy is a highly-experienced educator, having worked for over 30 years in the primary classroom with children across the whole primary phase. She was an Advanced Skills Teacher with a proven track record for supporting school improvement within the local authority of Somerset and now she is an Independent Primary Maths Adviser under the name of Mathsknowhow, working throughout the UK and internationally. Through providing both school based CPD and high quality training courses and workshops, Tracy supports LAs, senior leaders, teachers, subject leaders, teaching assistants, parents and governors to create mathematical environments which engage all children. She is passionate about the effectiveness of using the concrete-pictorial-abstract approach and the best of Singapore’s pedagogy, to deepen understanding of mathematical concepts. She loves that the use of high quality textbooks in the Inspire Maths text book programme introduces concepts in such a highly scaffolded way through carefully designed progressions.

Tracy’s CPD sessions are praised for being practical, fun and highly relevant and participants always leave with fresh ideas and strategies to transfer to their own classrooms. She loves the fact that through creative, exploratory activities, Inspire Maths both enables and empowers children to achieve maths mastery. In turn, they can then learn to make the deep connections and appreciate the “beauty” of what is Mathematics!

She is a current holder of the NCETM PD Lead accreditation for the mastery curriculum and is an Accredited Inspire Maths School Improvement Trainer supporting schools in the effective implementation of this transformational teaching programme.
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<th>Donna Varney</th>
<th>Donna Varney is an independent Education Consultant based in Manchester with over 20 years of experience in the Primary sector. She is a Teacher Leader for the Every Child Counts Programme. Donna taught for 13 years in an inner-city Manchester Primary school where she became a leader for PE and ICT. She went on to work as a Primary Consultant specialising in ICT, Whiteboard technology and Mathematics as part of the Primary Strategy Team. Donna has gained a Master’s Degree in Early Mathematical Development. Her research study focused on the use of collaborative professional development which she utilises in her training. Donna has delivered and facilitated training to a variety of audiences including, Teaching Assistants, Teachers and leadership teams. She is an enthusiastic passionate facilitator who works hard to ensure active participation and engagement of her participants! Donna teaches small groups and individual pupils who struggle with mathematics. Working with pupils allows Donna to puts all her training, knowledge and skills into action, which in turn supports her development as a trainer. Donna is an avid believer in active contextual-based learning and making learning accessible to all. She has utilised Numicon as parent, aunt, teacher, leader and as parent, aunt, teacher, leader and trainer and believes the resource supports learners to really make sense of Mathematics.</th>
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| Chris Gallagher | Chris is an independent Primary Maths consultant supporting schools in Suffolk and Norfolk. Chris was previously a primary headteacher for over 11 years supplying vision and leadership in a school environment. He has previously taught throughout the Primary range in London, Essex and Suffolk. He is a qualified primary maths specialist or MAST (Maths specialist teacher) who has successfully provided a wide range of schools, teachers and Heads with support and training within the Primary and Secondary sector.  
  
Chris now works as an independent maths consultant across the primary and secondary sectors and is excited to be working with Inspire Maths initiative and believes this new pedagogy and textbooks, will revolutionize mathematics teaching and learning in UK. He believes strongly in the power of a growth mind-set for change and as a force to remove maths phobia from education. 

As well as a trainer for the OUP Chris works as a teaching for Mastery lead with the NCETM for the Suffolk & Norfolk Maths Hub. |
## Ann Jones

Ann Jones is an independent Mathematics Consultant, supporting schools across North Wales and beyond, and has over 20 years’ experience in Education. After leaving her Primary teaching and mathematics subject leader post, she became Local Authority Primary Maths Adviser as part of the School Improvement team in Flintshire. In 2013, she became an Independent Consultant along with being Director of ‘SARN’, an educational company that strives to improve the education experiences of all, particularly in mathematics. During this time, she has co-authored materials to assist schools with the implementation of the Numeracy Framework in Wales.

She is an Inspire Maths and Numicon consultant for OUP and is passionate about the use of models and images and believes in the use of concrete, pictorial, abstract approach to teaching mathematics. She wants all children to have the best mathematical experiences in order that they become confident mathematicians.

She has previously been involved in curriculum design for Wales for the Revised Curriculum 2008 as well as working for the WJEC on the external moderation of pupil profiles across Wales.

## Chartwell Maths

### Rowan Waller

Rowan is an experienced teacher who has taught across the primary phases. She was involved in the National Numeracy Strategy from the start and went on to lead this in two London boroughs.

Rowan now works as an independent consultant in the South East. She is a Numicon consultant and supports three local boroughs in developing mathematics in the primary phase. She also works in ITT supporting students in school.

Rowan is passionate about developing children’s confidence in understanding mathematics through exciting practical tasks and believes that Inspire Maths is an exciting new chapter in maths education.

## Rebecca Hamburger

Beca has extensive experience working in the education sector as both a teacher and consultant.

She has taught across all phases of primary education and has worked with teachers and pupils into KS3 and 4. More recently she has worked as an independent consultant within the South East working directly with schools or as part of commissioned support by local education authorities. Her support focuses on school improvement, developing subject leadership and the teaching and learning of mathematics. Part of this role also involves working with student teachers in ITT. Beca also works as a governor and is a local leader of governance in Kent.

Beca has a particular interest in early conceptual development in mathematics, EYFS and KS1, as well as creative approaches and problem solving. She is passionate about increasing children’s enjoyment of mathematics and developing creative approaches to teaching.

Beca holds the NCETM PD standard as well as being an accredited PD lead.