



Highly effective Mathematics intervention for KS1, KS2 and beyond

Despite the best efforts of schools and teachers, many children continue to fall behind their peers in Mathematics.

Kingsmead School work with Edge Hill University, to provide training and support in the Every Child Counts (ECC) catch up Mathematics interventions. These have proved highly effective in narrowing the gaps between pupil's attainment, and getting children ready to learn effectively with their peers.

All ECC interventions embody the principles of mastery in learning Mathematics. The programmes are highly coherent, hands on, interactive and pupils find them highly motivating.

Impact on attainment

Since 2008 over 150,000 children have participated in Every Child Counts (ECC) programmes making an average gain in attainment of between 13 and 17 months as measured by standardized tests in 3 or 4 months depending on the programme. This is 3 to 4 times the expected gain.

What ECC programmes offer your school

ECC interventions

- raise mathematical achievement,
- develop teaching assistants and teachers' subject knowledge and wider effectiveness
- narrow the range of attainment class and school
- provide a targeted use of pupil premium.

New courses in September

Kingsmead School will be offering new courses in ECC's **1stClass@Number** and **Success@Arithmetic** interventions starting this September.

What you get

All courses come with extensive training and support including 1 year of online and phone support, and all the specialist resources teaching assistants and teachers need to run the interventions. Each programme costs £990 per TA or teacher trained. A 'Link', or 'Lead' teacher for your school is trained for no extra cost. Training is spread out across a term so that participants can embed what they are learning as they support their first intervention group

Venue and Dates

All courses will usually be held at Kingsmead Primary School in Hackney. However, we will provide courses at venues local to schools involved as demand arises.

Dates will be booked and posted here.



Resources for 1stClass@Number

Booking places finding out more

If you are interested in finding out more, or would like to book staff on any ECC course, please email Garry Minto: GMinto@kingsmead.hackney.sch.uk or phone **07505 100 934**

Further information

Please click on the links below to view or download flyers giving details of all the programmes, and our current booking forms

- [Link FC Flyer](#)
- [Link FC Booking Form](#)
- [Link SAA Flyer](#)
- [Link SAA Booking form](#)

Brief descriptions of programmes

1stClass@Number 1

Innovative TA led small group intervention for children in year 2 and beyond who need to master the Year 1 Maths curriculum including, place value, number sense, understanding and using number bonds, calculation and understanding multiplication and division. The pedagogy is dialogic and hands on, embedding mathematical reasoning and problem solving in each of the 30 lesson. TAs / teachers receive

1 full and 5 half days of face to face training spread over a term in running the intervention, understanding the mathematics, pedagogy and issues behind the learning and assessment for learning. They also receive detailed lesson plans and guidance materials, all the specialist resources they will to run the programme (no need to spend time making resources before they start), and 1 years' email and phone support. **Participating children have made 12 months average progress in a term.**

1stClass@Number 2

is as above, but is for children in late Year 2 and beyond who need to master the Year 2 Maths curriculum. The pedagogy is the same, but the content goes deeper and includes solving empty box problems, patterns in calculation and getting ready for written calculation. Again **participating children have averaged 13 months progress in a term, 4 times expected progress.**

Becoming 1stClass@Number

Our latest Intervention is aimed at children in Year 1 who did not secure the Early Learning Goals in Mathematics and therefore are not ready to access the Year 1 Maths curriculum. This is a small group TA led intervention which focusses on developing children's early feel for number including perceptual and conceptual subitising, part whole relationships, number order and

magnitude up to 20. TAs receive 1 full and 5 half days of training spread over a term and all the detailed lesson plans and guidance, and all specialist resources needed.



Resources for Becoming 1stClass@Number

Success@Arithmetic: Number Sense

Is a small group TA or Teacher led intervention designed for children in late Year 3 and beyond who need to acquire the understanding of number and operations necessary before they can effectively understand written calculation. The content includes learning and using number bonds, mental calculation, understanding place value including scaling, learning multiplication and division facts and understanding the relationship between multiplication and division, the distributive law etc. The pedagogy is dialogic and hands on with reasoning and problem solving embedded in every lesson. This has proved be a highly effective intervention with **learners averaging 15 months progress in a term**. Each TA trains alongside a Lead Teacher from the school who can

support them and help embed the children's learning in the classroom setting. TA and Lead Teacher pairs receive 2 full and 1 half day of training spread over about 9 weeks. The training includes an introduction to diagnostic assessments which many Teachers and TAs have found invaluable in their wider practice.

Success@Arithmetic: Calculation

This small group and TA / Teacher led intervention was originally designed for Year 5/6 and secondary school children who need to understand written calculation rather than just follow the procedures as recipes. However, many schools have embedded the pedagogy used in Success@Arithmetic as part of their calculation policy. Participating children leave the programme understanding all 4 written methods and when and how to use them.

Learners have average 15 months progress on Success@Arithmetic.

Want to find out more?

If you would like to discuss how any of these interventions could benefit your school, please contact Garry Minto, our ECC accredited trainer.

Contact

Garry Minto

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consultant

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***Edge Hill University's Every Child
Counts interventions have been
good investments and have helped
our pupil premium pupils to make
enhanced progress.***

Helen Hackett, Assistant Head
Teacher, Parkfield Community School,
Birmingham

Winner of the National Primary School
Pupil Premium Award 2015