Raising attainment through Interventions
Literacy and Mathematics

Making effective use of your Pupil Premium funding
Services for Education offer schools a range of highly effective intervention programmes, developed by Edge Hill University, for both literacy and mathematics.

Our aim is to help schools to raise achievement through interventions based on what works for children who have the greatest difficulties and also those who need a helping hand. Evidence shows that children we support individually or in small groups catch up with their peers and maintain that progress.

Teachers and teaching assistants receive professional development that focuses on specialist subject knowledge, pupil engagement and developing confidence. Liaison in school ensures this specialist knowledge is shared, impacting on classroom practice and raising standards for ALL children.

ECC interventions use 9 of the top 10 strategies recommended by the Sutton Trust – EFF Teaching and Learning Toolkit for primary schools. They meet the recommendations of EEF’s Making Best Use of Teaching Assistants guidance report and reflect the marked positive impact found by EEF, (Feb 2016) resulting from such interventions; giving school leaders solid evidence on the best ways to support and develop the skills and effectiveness of teachers and teaching assistants, to deploy staff in their schools and classrooms to raise attainment.

### Making Best Use of Teaching Assistants

Recommendations from The Education Endowment Foundation - Spring 2015

1. TAs should not be used as an informal teaching resource for low-attaining pupils
2. Use TAs to add value to what teachers do, not replace them
3. Use TAs to help pupils develop independent learning skills and manage their own learning
4. Ensure TAs are fully prepared for their role in the classroom
5. Use TAs to deliver high-quality one-to-one and small group support using structured interventions
6. Adopt evidence-based interventions to support TAs in their small group and one-to-one instruction
7. Ensure explicit connections are made between learning from everyday classroom teaching and structured interventions
Outcomes for pupils

“Inspectors will:

➤ consider the progress that lower attaining pupils are making and the impact of provision for them (para 183)
➤ take particular account of the progress made by disadvantaged pupils (para 180)
➤ use evidence to evaluate the impact that teachers and support assistants have on pupil progress (para 156).”

School inspection handbook, Ofsted 2016

In 2016 over 3,000 teachers and teaching assistants were trained to use ECC interventions to support approximately 18,000 children in 1,700 schools. The outcomes reported by schools were the best ever with almost every intervention achieving greater gains than the year before. In addition, teachers said that 95% of the children showed a more positive attitude to learning in class after their interventions.

Parkfield Primary School, Birmingham Winner of the National Primary School Pupil Premium Award 2015

“The Every Child Counts interventions have been good investments and have helped our pupil premium pupils to make enhanced progress”

Mathematics Made to Measure, Ofsted 2012

Over 140,000 children who were struggling with mathematics or literacy have now been supported by an ECC intervention in over 6,000 schools. Thank you for your help to improve their outcomes and change their lives.

Edge Hill University, 2016

“Where programmes such as ECC and Numbers Count were used effectively, pupils overcame their misconceptions and the school used information about them to adapt teaching for subsequent cohorts”.

Edge Hill University, 2016

To book a place visit www.servicesforeducation.co.uk
select ‘Book a Course’ - Literacy and Maths
To book a place visit www.servicesforeducation.co.uk select ‘Book a Course’ - Literacy and Maths
Raising attainment through Interventions in Literacy and Mathematics

Two programmes are available

1stClass@Writing: The Pirate Writing Crew – for children who need support to access Year 3 national curriculum expectations.

1stClass@Writing: Dragon Hunters – for children who need support to access Year 4 national curriculum expectations.

Impact on Achievement

300 pupils in 70 schools took part in 1stClass@Writing in 2014-15. Their teachers reported an almost immediate impact:

😊 88% of pupils became more confident and motivated to write

😊 70% made more progress than their teachers had expected

😊 their spelling scores improved by 42%

Brilliant intervention! - Teaching Assistant

1stClass@Writing

😊 provides targeted use of the Pupil Premium

😊 supports the new national curriculum for English

😊 makes children eager to write

😊 balances the development of transcription, grammar and composition

😊 strengthens teaching assistants’ subject knowledge and wider effectiveness

😊 provides detailed evidence of progress and impact

Resources and Support

Interactive and easily adaptable session plans

😊 extensive ready-made resources

😊 online guidance and downloadable resources

😊 access to the ECC data system, providing
detailed analysis of impact and children’s progress

😊 phone and e-mail support from ECC and the Trainer
How does it work?
1stClass@Writing comes ‘ready-made’ with detailed lesson plans and resources. A specially trained teaching assistant delivers up to 60 stimulating and motivating half-hour lessons to a group of up to 4 children, 4 times a week, in addition to their daily class lessons. The children develop key skills of spelling, handwriting, grammar, and punctuation in order to complete daily writing tasks relating to the adventure stories. They develop their composition and editing skills through a balance of supported ‘one-liners’ as well as sustained, independent writing. The teaching assistant is supported by a school and Link

### 1st Class@Writing—Pirate Crew

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<tr>
<th>AUTUMN TERM 2017</th>
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<tbody>
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Cost: £990 per TA and Link teacher

### 1st Class@Writing—Dragon Hunters

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Cost: £990 per TA and Link teacher

To book a place visit www.servicesforeducation.co.uk select ‘Book a Course’ - Literacy and Maths
Training
Training by an accredited ECC Trainer enables teaching assistants to adapt sessions to meet children’s needs and develops their reading subject knowledge and pedagogy, not just for Project X CODE but for all their work in school.

Teaching Assistants can move on to further accredited academic study.

Training for teachers enables them to support, manage and evaluate Project X CODE and embed it in an overall strategy to tackle underachievement in reading.

Impact on Achievement
Over 5,000 pupils in Years 1 to 8 have been supported by trained teaching assistants with Project X CODE in 400 schools.

they made an average Reading Age gain of 12 months after 4.5 months of support by trained teaching assistants - almost 70% more than the gain achieved without training

their comprehension scores rose by 70% - over twice the gain achieved without training

Project X CODE Training
- provides targeted use of the Pupil Premium
- supports the new National Curriculum for English
- develops reading skills and enjoyment
- develops teaching assistants’ subject knowledge and wider effectiveness
- provides detailed evidence of progress and impact

We offer two training packages to suit your school’s needs

Option 1 – group training at a local venue
- 7 half days over 2 terms for your teaching assistant
- 2 half days for a Link Teacher from your school

Option 2 – in-school training for TAs and Teachers
- 2 days, one or two months apart
- tailored to meet the school’s needs
How Does it Work?

Project X CODE is a highly motivational series of 3D adventure books, based on a structured progression of phonics, vocabulary and comprehension skills. Teaching and Assessment Handbooks with detailed session notes support a trained teaching assistant or teacher to teach a small group of children for half an hour four times a week.

Sessions are based on the books and help the children to overcome difficulties, develop their skills and enjoy reading.

Resources and Support

- teaching resources
- online guidance and downloadable resources
- a standardised reading test to measure impact
- access to the ECC data system, providing detailed analyses of impact and children’s progress

To book a place visit www.servicesforeducation.co.uk
select ‘Book a Course’ - Literacy and Maths

The day has been very useful in giving me confidence to carry out Project X CODE.
Teaching Assistant

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<tr>
<th>Date</th>
<th>Session</th>
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<td>19.12.17</td>
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<td>14.03.18</td>
<td>Day 6 - TAs only - 9:00 - 12:00pm</td>
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Cost: £770 per TA and Link Teacher
Raising attainment through Interventions in Literacy and Mathematics

1stClass@Number

- Provides targeted use of the Pupil Premium
- Supports the new National Curriculum for Mathematics
- Raises mathematical attainment
- Increases enjoyment and engagement in mathematics
- Develops teaching assistants’ subject knowledge and wider effectiveness
- Provides detailed evidence of progress and impact

Resources and Support

- Interactive and easily adaptable session plans
- Extensive ready-made resources
- Online guidance and downloadable resources
- Access to the ECC data system, providing detailed analyses of impact and children’s progress

Two programmes are available to schools

1stClass@Number 1 - for children who need further support at the level of the Year 1 curriculum

1stClass@Number 2 - for children who need further support at the level of the Year 2 curriculum

Also available:
Continuing 1stClass@Number for TAs
3 half days over the year including opportunities for review, evaluation, discussion, networking and sharing practice as well as new PD input

Dates to be advised
Cost: £350 per TA

Impact on Achievement

Over 45,000 children in Years 1 to 11 have been supported by 1stClass@Number in 3,500 schools

- They made an average **Number Age gain of 12 months** in only 3.5 months - over 3 times the expected progress
- Their teachers said that **93% of them showed more confidence and interest** in learning mathematics in class

To book a place visit www.servicesforeducation.co.uk
select ‘Book a Course’ - Literacy and Maths

Thank you for an inspiring, thought provoking and interesting course - Teaching assistant
How Does it Work?

FirstClass@Number comes ready-made with detailed session guidance and extensive resources. A specially trained teaching assistant delivers 30 half-hour sessions to a group of up to four children. The lessons focus on number and calculation, developing children’s mathematical understanding, communication and reasoning skills. A Post Office theme runs throughout, engaging children in real life contexts that are both stimulating and fun. Each topic starts with a simple assessment that helps the teaching assistant to tailor sessions to the children’s needs.

Training and Professional Development

- Delivered locally by an accredited ECC Trainer
- 7 half days for teaching assistants:
  - Mathematical subject knowledge and pedagogy
  - Adapting session plans to meet children’s needs
- 2 half days for a school Link Teacher, supporting, managing & evaluating FirstClass@Number
- Opportunities for further accredited academic study

Resources and Support

- Interactive and easily adaptable session plans
- Extensive ready-made resources
- Online guidance and downloadable resources
- Access to the ECC data system, providing detailed analyses of impact and children’s progress

1st Class@Number 1

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<td>Day 5 - TAs and Lead Teachers - 9:00 - 12:00pm</td>
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Cost: £990 per TA and Link teacher
Success@Arithmetic

- provides targeted use of the Pupil Premium
- supports the new National Curriculum for Mathematics
- promotes mathematical thinking and understanding
- develops secure and fluent calculation methods through carefully staged progression
- develops the mathematical subject knowledge of both teachers and teaching assistants
- provides detailed evidence of progress and impact

Two programmes are available to schools

**Success@Arithmetic: Number Sense**
For pupils in Y3 - 5 who:

- need support to understand the number system and develop fluency with number facts

**Success@Arithmetic: Calculation**
For pupils in upper Key Stage 2 and Key Stage 3 who:

- need support to understand and develop fluency with formal written methods

Impact on Achievement

Over 8,000 pupils in Years 4 to 11 have been supported by Success@Arithmetic in 1,500 schools.

- pupils made an average **Number Age gain of 17.5 months in 4.5 months** - over 4 times the expected progress.
- **92% of pupils achieved national expectations** at the end of their school year, despite not being originally predicted to do so.

Resources and Support

- interactive and easily adaptable session plans
- extensive resources including number rods
- online guidance and downloadable resources
- access to the ECC data system, providing detailed analyses of impact and children’s progress

Very good, practical and informative day introducing the intervention for addition and subtraction. Handbook for each strand is excellent.

- Link teacher
How Does it Work?
Success@Arithmetic trains a lead teacher and a teaching assistant. The lead teacher conducts a diagnostic assessment and selects a series of Success@Arithmetic steps to form a tailored programme that the teaching assistant delivers to an intervention group of up to three pupils. The sessions use number rods, bar modelling and written methods to build a complete mathematical picture, developing pupils’ arithmetical fluency. They can be adapted to meet individual needs.

Training and Professional Development
- delivered locally by an accredited ECC Trainer
- 2.5 days for the lead teacher and the teaching assistant
- a strong focus on mathematical subject knowledge
- develops effective pedagogical approaches
- promotes partnership between teachers and teaching assistants to raise achievement
- opportunities for further accredited academic study

Success@Arithmetic: Calculation

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Cost: £990 per TA and Link teacher

Success@Arithmetic: Number Sense

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<td>Day 3</td>
<td>20/03/18 - TAs and Lead Teachers</td>
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Cost: £990 per TA and Link teacher

To book a place visit www.servicesforeducation.co.uk select ‘Book a Course’ - Literacy and Maths
Raising attainment through Interventions in Literacy and Mathematics

Two programmes are available to schools

Numbers Count - for children in Years 1 to 3

Numbers Count 2 - for pupils in Years 4 to 9

Also available
Continuing Numbers Count Teachers
3 days over the year with opportunities for REDS and new PD input

Dates to be advised  Cost: £850

Numbers Count transforms mathematics for the lowest achieving children AND raises standards for all learners in your school.

It is an intensive intervention for children in Years 1 to 8 who have the greatest difficulties with mathematics. The specially trained teacher supports other staff in school.

😊 provides targeted use of the Pupil Premium

😊 supports the new National Curriculum for Mathematics

😊 raises mathematical attainment for the lowest achievers

😊 creates an ‘in-house specialist’ mathematics teacher who helps to raise standards for all children

😊 provides detailed evidence of progress and impact

Very interesting to get an opportunity to understand the theory behind children’s learning. Feeling enthusiastic
- Class teacher

Training and Professional Development

😊 7 days of local training by an accredited ECC Trainer

😊 mathematical subject and pedagogical knowledge

😊 supporting parents and colleagues across the school

😊 2 school visits by the Trainer

😊 ECC accreditation for teacher and school

😊 ongoing CPD and school visits every year

😊 opportunities for further accredited academic study
Making effective use of your Pupil Premium funding

How Does it Work?
A specially trained Numbers Count teacher gives children at least three 30-minutes lessons a week for a term, individually or in twos or threes. After a detailed diagnostic assessment, the teacher plans a tailored programme for each child. Rigorous, active lessons focus on number and calculation, helping children to develop skills and attitudes that will ensure good progress in class lessons. The teacher liaises with parents and shares their specialist knowledge with colleagues informally and through structured CPD, raising standards for all children.

Impact on Achievement
Over 50,000 children in Years 1 to 11 have been supported by Numbers Count in 2,500 schools.

😊 in 2012-14 children made an average Number Age gain of **16.5 months** in only 4 months - 4 times the expected progress.

😊 their teachers said that **95% of them showed more confidence and interest** in learning mathematics in class.

Numbers Count

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Cost: £2200 per TA and Link teacher

To book a place visit www.servicesforeducation.co.uk select ‘Book a Course’ - Literacy and Maths
To book places on any of the intervention programmes, visit:

www.servicesforeducation.co.uk

Select - ‘Book a Course’

Literacy and Maths Interventions

Venue - Unit 3, Holt Street, Birmingham Science Park Aston, Birmingham B7 4AX