

EVERY CHILD COUNTS MATHS INTERVENTIONS



Spring 2017

Every Child Counts has 4 'families' of mathematics intervention programmes, each meeting the needs of targeted groups of pupils. All come with extensive, attractive ready-to-use resources, written guidance manuals and the highest quality face-to-face training.

Teachers and teaching assistants can start teaching straight after their first training day and then the training runs parallel with their teaching in their training term.

NUMBERS COUNT TEACHER-LED, PERSONALISED PROGRAMMES FOR PUPILS WHO really STRUGGLE WITH COUNTING, NUMBER AND CALCULATION.

1STCLASS@NUMBER TEACHING ASSISTANT-LED PROGRAMMES FOR GROUPS OF 4 PUPILS WHO NEED A HELPING HAND WITH COUNTING, NUMBER AND CALCULATION.

SUCCESS@ARITHMETIC TEACHER AND TA-LED PROGRAMMES FOR UP TO 3 PUPILS WHO NEED HELP TO MASTER THE UNDERSTANDING AND PROCEDURES FOR CALCULATIONS.

TALK 4 NUMBER TEACHING ASSISTANT-LED
PROGRAMME FOR GROUPS OF 4 PUPILS WHO NEED
SUPPORT TO LEARN THE VOCABULARY OF NUMBER
AND CALCULATION AND TO TALK CONFIDENTLY ABOUT
THEIR MATHEMATICS.

1stClass@Number - TA-led

1stClass@Number improves children's understanding of number and develops early calculation skills.

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

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

Sheffield data 2015 / 2016 – average Number age gain = 14.6 months

Cost - £900

1stClass@Number 1

Day	Content
Day 1 Tuesday 10 th January 2017 9:15am – 12pm	<ul style="list-style-type: none">• Introduction to 1stClass@Number• Delivering the lessons

<p>Day 2 Wednesday 18th January 2017 1 – 3pm</p>	<ul style="list-style-type: none"> • Counting and Number
<p>Day 3 Tuesday 31st January 2017 9:15am – 12pm</p>	<ul style="list-style-type: none"> • REDS (Review / Evaluate / Discuss / Share • Exploring Place Value
<p>Day 4 Tuesday 14th February 2017 9:15am – 12pm</p>	<ul style="list-style-type: none"> • REDS (Review / Evaluate / Discuss / Share • Addition and Subtraction
<p>Day 5 Wednesday 22nd March 2017 9:15am – 12pm</p>	<ul style="list-style-type: none"> • REDS (Review / Evaluate / Discuss / Share • Multiplication and Division
<p>Day 6 TBC</p>	<ul style="list-style-type: none"> • REDS • Whole School CPD – Staff meeting on 'Counting'

1stClass@Number 2

Day	Content
Day 1 Tuesday 10 th January 2017 9:15am – 12pm	<ul style="list-style-type: none">• Introduction to 1stClass@Number• Delivering the lessons
Day 2 Thursday 19 th January 2017 1 pm – 3:30pm	<ul style="list-style-type: none">• Counting and Number
Day 3 Wednesday 1 st February 2017 9:15am – 12pm	<ul style="list-style-type: none">• REDS (Review / Evaluate / Discuss / Share• Exploring Place Value
Day 4 Wednesday 15 th February 2017 9:15am – 12pm	<ul style="list-style-type: none">• REDS (Review / Evaluate / Discuss / Share• Addition and Subtraction
Day 5 Thursday 23 rd March 2017 9:15am – 12pm	<ul style="list-style-type: none">• REDS (Review / Evaluate / Discuss / Share• Multiplication and Division
Day 6 TBC	<ul style="list-style-type: none">• REDS• Whole School CPD – Staff meeting on 'Place Value'

1stClass@Number1 – Update to the new maths curriculum

This training is for TAs who have previously trained on the 1stClass@Number 1 programme.

This training provides the updates on the intervention including a new topic on Multiplication and Division.

The TAs will receive a full, newly updated resource box and online access.

Cost £425

Day	Content
Half day Thursday 12 th January 2017 9:15 till 12pm	<ul style="list-style-type: none">• To become familiar with the updated resources and teaching materials for 1stClass@Number Topics 1 – 4• To develop an understanding of the models for multiplication and division• To explore the new lessons and activities in Topic 5

1stClass@Number2 – Update to the new maths curriculum

This training is for TAs who have previously trained on the 1stClass@Number 2 programme.

This training provides the updates on the intervention.

The TAs will receive a full, newly updated resource box and online access.

Cost £425

Day	Content
Half day Thursday 19 th January 2017 9:15 till 12pm	<ul style="list-style-type: none">• To become familiar with the updated resources and teaching materials for 1stClass@Number 2 Topics 1 to 4• To become familiar with the updated resources and teaching materials for 1stClass@Number 2 Topic 5

Success@Arithmetic – TA-led

Success@Arithmetic improves pupils' understanding of number and written calculation skills.

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 Years 3 to 5 who need to understand the number system and develop fluency with number facts, **Success@Arithmetic Calculation** for pupils in Years 5 to 8 who need to understand and develop fluency with formal written methods.

Sheffield data 2015 / 2016 – average Number age gain = 17 months (Calculation)

Sheffield data 2015 / 2016 – average Number age gain = 15.6 months (Number Sense)

Cost - £950

Success@Arithmetic Number Sense

Day	Content
Day 1 – Half Day Tuesday 17 th January 2017 9:15 till 12pm	<ul style="list-style-type: none">• Diagnostic Assessment

<p>Day 2 – Full Day</p> <p>Thursday 9th February 2017</p> <p>9:15 till 3pm</p>	<ul style="list-style-type: none"> • Addition and Subtraction Strands
<p>Day 3 – half Day</p> <p>Thursday 16th March 2017</p> <p>9:15 till 12pm</p>	<ul style="list-style-type: none"> • Multiplication Strand
<p>Day 4 – Half Day</p> <p>Tuesday 28th March 2017</p> <p>9:15 till 12pm</p>	<ul style="list-style-type: none"> • Division Strand

Success@Arithmetic Calculation

Day	Content
<p>Day 1 – Half Day</p> <p>Tuesday 17th January 2017</p> <p>9:15 till 12pm</p>	<ul style="list-style-type: none"> • Diagnostic Assessment
<p>Day 2 – Full Day</p> <p>Friday 10th February 2017</p> <p>9:15 till 3pm</p>	<ul style="list-style-type: none"> • Addition and Subtraction Strand
<p>Day 3 – Half Day</p> <p>Friday 17th March 2017</p> <p>9:15 till 12pm</p>	<ul style="list-style-type: none"> • Multiplication Strand

Day 4 – Half Day Wednesday 29 th March 2017 9:15 till 12pm	<ul style="list-style-type: none"> • Division Strand
---	---

Numbers Count transforms mathematics for the lowest achieving children AND raises standards for all children.

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.

Numbers Count

- 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

Two programmes are available to schools

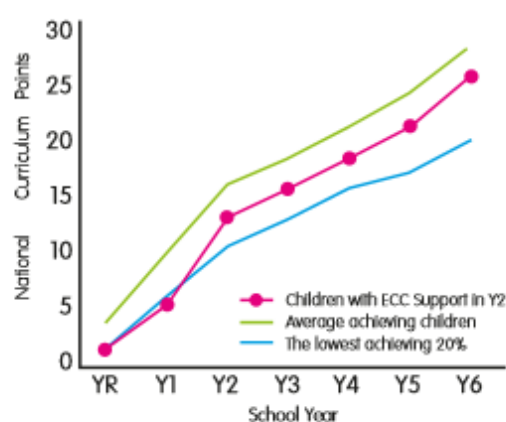
Numbers Count - for children in Years 1 to 3

Numbers Count 2 - for pupils in Years 4 to 9

How Does it Work?

A specially trained Numbers Count teacher gives children at least three 30-minute 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

Long-Lasting Impact



“Where programmes such as Every Child Counts and Numbers Count were used effectively, pupils overcame their misconceptions and the school used information about its

Impact on Achievement

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

- They made an average **Number Age gain of 16.5 months** in only 4 months - over 4 times the expected progress.
- **95% of them showed more confidence and interest** in learning mathematics in class after Numbers Count.
- 73% of pupils went on to achieve national expectations at the end of Key Stages 1 and 2, despite not being originally predicted to do so.

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

Resources and Support

- Detailed handbook guidance
- Online guidance and downloadable resources
- Access to the ECC data system, providing detailed analyses of impact and children's progress
- Phone and e-mail support from ECC and the Trainer

“Our Numbers Count teacher has shared her expertise with colleagues and had a positive effect on a large number of children across the school, well beyond those in the intervention.

Schools can access **Numbers Count** from local ECC

If you would like to participate in either of the Numbers Count programmes then please contact me for further details ...

All training is at;

Shortbrook Primary School (ECC training School)

Westfield Northway

Westfield

Sheffield

S20 8FB

Count me in!

Please contact me if you have any questions regarding any of the interventions or would like to book a place on any of the programmes ...

Telephone - 07795 664790

Email – jamieheathcote.maths@gmail.com

Twitter - @heathcote17

Every Child Counts Lead Trainer for Sheffield

Primary Maths Consultant

