



Success@Arithmetic™

Unlocks understanding of number
and calculation

Every ^{s n x v c}
child
counts

Success@Arithmetic develops conceptual understanding and procedural fluency in number and written methods.

A choice of two small-group programmes for pupils in KS2 and KS3 who need support with mathematical fluency and written arithmetic.

Success@Arithmetic

- provides targeted use of the Pupil Premium
- supports the 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
- narrows the range of attainment in your class to facilitate successful teaching for **mastery**

Two programmes are available to schools

Success@Arithmetic: Number Sense

For pupils in Years 3 to 5 who need support to understand the number system and develop fluency with number facts

Success@Arithmetic: Calculation

For pupils in Years 5 to 8 who need support to understand and develop fluency with formal written methods

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.

Impact on Achievement

Over 13,000 pupils in Years 3 to 11 have been supported by Success@Arithmetic in 2,000 schools:

- They made an average **Number Age gain of 15 months in 4 months** - almost 4 times the expected progress
- **91% of them showed more confidence and interest** in learning mathematics after Success@Arithmetic.

“The use of base-10 alongside the standard written method for subtraction is nothing short of inspirational.”

Lesley Dixon-Dawson, Bramley St Peter's CEP School, Leeds



“I was impressed with the huge quantity and quality of the resources. Even before the input from the excellent trainer. It was worth the money.”

Carl Roscoe, Deputy Head Teacher, St Thomas the Martyr VA CE Primary School, Lancashire

Training and Professional Development

- Delivered locally by an accredited ECC Trainer
- 2 1/2 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

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 analysis of impact and children's progress
- Phone and e-mail support from ECC and the Trainer

Schools can access **Success@Arithmetic** from local ECC providers. Contact us to be put in touch with your nearest provider.



Edge Hill
University

T: 01695 657133

E: ecc@edgehill.ac.uk

W: everychildcounts.edgehill.ac.uk

TWITTER: [@ecc_EHU](https://twitter.com/@ecc_EHU)