



Success@Arithmetic™

Develops understanding of number
and calculation methods

Every ^{s n x v c}
Child
counts

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

It is a small-group intervention delivered by a teacher and teaching assistant in partnership to pupils in Key Stages 2 and 3 who need support with written arithmetic.

Success@Arithmetic

- provides targeted use of the Pupil Premium
- supports the new National Curriculum for Mathematics
- promote 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 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.

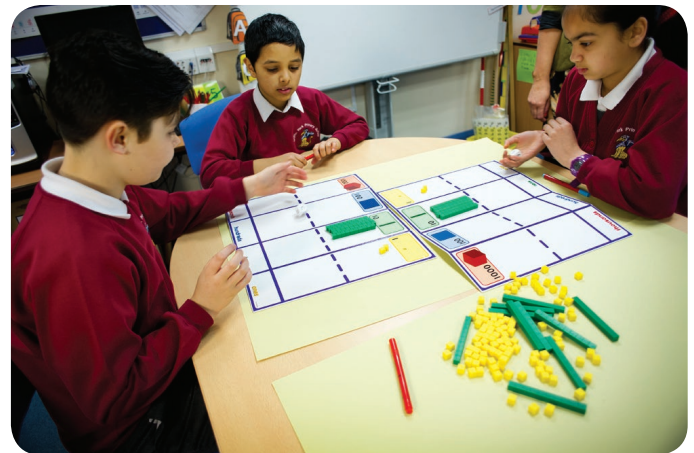
Impact on Achievement

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

- They made an average **Number Age gain of 17.5 months in 4.5 months** – almost 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.

“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 am very impressed with Success@Arithmetic. The children have made accelerated progress, grown in confidence and enjoyed their lessons.

Eilis Siddall, Head Teacher, Friarage Community Primary School, N Yorkshire

Training and Professional Development

- Delivered locally by an accredited ECC Trainer
- 2½ 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

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
- 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.