



Talk 4 Number™

Giving a voice to mathematical thinking

Talk 4 Number develops mathematical language and thinking.

High quality professional development enables a teaching assistant to support pupils in Years 3 and 4 to talk fluently about their mathematics.

Talk 4 Number

- helps pupils to talk confidently about number
- builds mathematical language, understanding and enjoyment
- develops a wide range of mathematical talk – explaining, instructing, presenting...
- develops speaking and listening skills in number contexts
- strengthens reflection and metacognition
- extends teaching assistants' subject knowledge and expertise
- supports mathematical talk throughout the school

Who is it for?

Pupils mainly in Year 3 and Year 4 who need support and encouragement:

- to use and understand mathematical language
- or to talk fluently about their mathematics

and Pupils in Year 3 or above who are in the later stages of learning English as an Additional Language

How does it work?

Talk 4 Number comprises 24 sessions, each lasting about 30 minutes. The sessions help pupils to understand and talk confidently about numbers in a wide range of contexts and to strengthen their reflective and metacognitive skills. It is delivered to a group of 4 pupils by a trained teaching assistant or teacher, about 3 times a week, for 8 weeks. It is delivered outside the classroom, in addition to pupils' daily mathematics lessons. The teaching assistant is supported by a Link Teacher within the school.

“Talk 4 Number equips teaching assistants with the strategies to help pupils find their mathematical voice and express their mathematical ideas.”

Willow Tree Primary School, Ealing

Impact on Achievement

Over 450 pupils have been supported by Talk 4 Number in 110 schools.

- They made an average **Number Age gain of 10 months** in 2.5 months – 4 times the expected progress
- Teachers reported that pupils were **much more confident** in class mathematics lessons after Talk 4 Number



Training and Professional Development

Local group training is delivered by an ECC Trainer accredited by Edge Hill University. The training runs alongside the delivery of the intervention and includes:

- One day and two half days for the teaching assistant
 - how to deliver Talk 4 Number
 - mathematics subject knowledge to enhance delivery
 - a resource pack of detailed session plans and photocopiable masters
- A school Link Teacher attends two of the half days
 - how to manage Talk 4 Number for maximum impact
 - running a staff meeting to share its lessons with colleagues
- Opportunities for further accredited academic study

“Many head teachers took an interest in the training and reported that it was the best they had ever seen.”

Independent Evaluation of ECC, DfE 2011

Resources and Support

- detailed lesson plans and 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

Schools can access **Talk 4 Number** from local ECC providers. Contact us to be put in touch with your nearest provider.