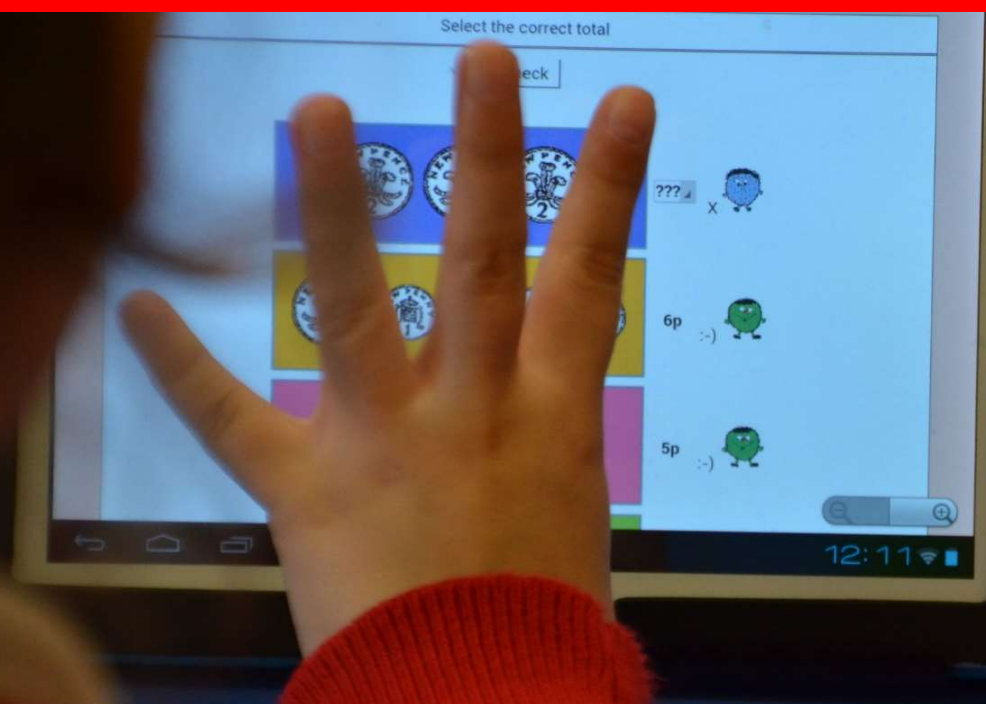


Mathematical Reasoning in Year 2

The EEF is inviting schools to participate in an evaluation of this whole-class mathematics programme, which has been shown to support pupils' maths attainment. If your school is randomised to the intervention group, it will receive **FREE ACCESS** to the programme. Schools randomised to the comparison group will receive £500 which can be used at the school's discretion.



Mathematical Reasoning in Year 2 is a whole-class research-based programme developed by professors at the University of Oxford in collaboration with teachers. This programme enriches the curriculum by promoting children's quantitative reasoning and number sense. Children learn about additive and multiplicative reasoning by thinking about relations between quantities. Number sense activities focus on the additive composition of number and the inverse relation between operations. Register your interest for your school to participate in this exciting research project. Admission will be on a first-come first-served basis. Please note, your school **cannot** take part if you are participating in the EEF-funded evaluations of Maths Mastery or Maths Whizz.



Mathematical Reasoning in Year 2

Mathematical Reasoning in Y2, is a *whole class* programme which focuses on two independent but related strands.



Evidence of success:

In a previous, independent evaluation, 1365 children in 37 schools made, on average, 3 extra months progress in their mathematical learning. We have now developed an on-line version of the training course that prepares teachers to use the programme which has recently been successfully piloted in an independent evaluation funded by the EEF.

The programme offers:

Training for Y2 teachers and teaching assistants (TAs)

- Two days of on-line professional development (PD) to be completed at a convenient time to the school
- Three live webinars and an on-line forum (total 1 day equivalent))
- Support from an experienced Teacher Leader

Ready-to-use materials

- Pre-prepared PowerPoint slides to use in lessons
- Lesson plans using mathematical games that children enjoy
- A teacher handbook with guidance
- A workbook for each child in the class
- A set of computer games to be played independently by the children with supervision from the TA.

The teachers use the programme to replace one mathematics lesson a week for 12 weeks, saving preparation time.

What schools will need to do

- Register your interest at www.reasoningfirst.com or email reasoningfirst@education.ox.ac.uk
- Nominate a Y2 teacher and a TA to be released from class together to complete the on-line PD and deliver the programme.
- Provide enough laptops/tablets with internet access for half the class to access in each lesson.
- If assigned to the intervention group, commit to implementing the programme as described above.
- If assigned to the comparison group, commit to continuing with usual practice and participating in the assessments for the programme evaluation.
- Agree to randomisation and to co-operate with the independent evaluators (NFER) throughout the project. If your school is allocated to the comparison group, you will not receive the programme, but you would still need to work with the evaluators until the end of the trial.

Whole class lessons



Materials ready to use



For further information please contact

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