

## Family Numeracy Programme Trial

### Information for Primary Schools

The Department for Education is inviting you to take part in an exciting set of trials in the 2024/25 academic year. The trials will engage around 20,000 learners across England and aim to generate new, high-quality evidence on what works in adult numeracy. The Family Numeracy Programme Trial is specifically designed to improve children's learning outcomes by giving parents the confidence, knowledge and skills they need to support their children's understanding and providing engaging maths activities and resources to extend maths learning in the home learning environment.

By taking part, your Primary School will be randomly allocated to a treatment (delivering something new) or control (business as usual) group. If you are in the treatment group, it will be an opportunity to deliver something innovative that has potential to improve results for learners in January 2025. If you are in the control group, you will continue to deliver your business-as-usual curriculum for the 2024-25 academic year but will have the opportunity to deliver the intervention from Autumn 2025. Both groups are vital to the research. Schools that take part and recruit over 8 parents onto the trial will receive a £500 incentive!

Interested? How to take part:

1. Please get in touch with your Family Learning Provider and direct them to the information here: <https://multiply.etioglobal.org/current-trials>
2. We are working directly with Family Learning Providers on this trial, so please do direct them to us by contacting: [multiply@etioglobal.org](mailto:multiply@etioglobal.org)
3. Lastly, providers can complete the sign up form, which we will review <https://forms.office.com/e/s72vz7DpPP?origin=lprLink>

### The Trial

This trial will test the impact of delivering maths aligned to Key Stage 1 Year 2 / Key Stage 2 Year 3, and Functional Skills Maths Level 1, to parents of Year 2 and 3 children in primary school settings. The sessions will help parents to support their child's maths learning. Through taking part, parents will also increase their own maths confidence and willingness and interest to progress to more formal maths provision as well as increase confidence in employment and their potential employability.

This approach is a series of structured, in-person group learning sessions designed for adults and their children to bolster both numeracy learning and family learning. The sessions align learning outcomes for KS1 and KS2 children (Yr2/Yr3) with Level 1 functional skills, although adults are not required to be qualified only to Level 1 to take part.

This intervention targets both adults and children: adults as both parents and carers, as numeracy focused learners and as employees within the workplace; and children as family members and learners.

## What we hope to achieve

- As learners, we hope adults will boost their confidence in numeracy vocabulary and concepts
- As parents and carers, we hope adults will be able to better embed maths learning in everyday tasks for their children, as well as better work with school to manage and co-facilitate child learning.
- As employees, we hope adults will see an increase in maths-related confidence and aptitude for maths-based work tasks.
- As young learners, we hope children will see an increase in confidence and comprehension, leading to increased attainment in Maths at school.

The trial will run as a Randomised Controlled Trial (RCT), a type of evaluation that measures the impact of an intervention or ‘treatment’ using randomisation. The schools involved have a 50% chance of being randomised into the treatment group and the other 50% will be randomised into the control group. Those in the treatment group will receive the intervention in January 2025 (outlined below) and those in the control group will be put on a waitlist and will receive the intervention when the trial delivery ends (in the next academic year, beginning September 2025).

## Randomisation

Participating schools will issue parents from Key Stage 1 Year 2 with information about the trial and/or host a briefing event led by the training provider (Campaign for Learning). Parents will then be given the opportunity to opt in. As randomisation will be at school level, parents will be made aware that there is a 50-50 chance of receiving the intervention in the 2024-25 academic year or the 2025-26 academic year, when their child is in Year 2 or starting Year 3.

Randomisation will be done after parents have signed up to the programme. Before randomising schools, we need to know there are parents in the school who are interested to be part of family learning programme.

## What is expected from a Primary school?

- Join a short School Briefing Session running on 18 September, 2024 at 4pm- [register here](#). (this will be recorded in case you miss it)
- Sign a Memorandum of Understanding (MOU) with Etio to take part in the trial
- Recruit parents onto the trial September – November 2024.
- Share trial documents with parents (i.e. Opt out information, ethics and intervention materials)

- Provide a suitable setting for the Family Learning tutor to host Family Numeracy sessions at the start or end of the school day.
- Release the children of the parents/carers of Year 2/3 to participate in the last half of the Family Numeracy sessions for 30 minutes.

## Who can take part?

### Eligibility criteria for schools

- Primary schools willing to host Family Numeracy sessions at the start or end of the school day, and willing to release children to join the last half of the sessions from their classes.
- Primary schools with a Year 2 (KS1) class and parents/carers willing to take part.
- Primary schools that already have a Family Learning Tutor/Practitioner, external to the school, that comes in to deliver family learning sessions.

### Eligibility criteria for Participants

Parents/carers who:

- Are aged 19+ years
- Do not have a Level 2 qualification in maths (or are functioning at below Level 2)
- Have a child in Key Stage 1 Year 2
- Have not taken part in a family numeracy programme before.

### Eligibility criteria for Providers

- Family Learning tutors/ Practitioners, external to the primary school (likely to be adult education maths teachers from FE colleges) will be trained to deliver the approach.
  - For example, you may be a Further Education College or Local Authority with Family Learning Tutors that go into Primary schools to deliver Family Learning classes.
- The programme is designed to take place within the schools that children of parents and carers already attend. This will facilitate engagement where there is already an existing relationship with the primary school and the nature of routine school attendance should simplify joining the programme.
- We recommend at least 8 families per school to ensure quality of delivery.

## Why should your school and parents take part?

Parents and carers have an important role in supporting their children's learning and this programme is specifically designed to increase parents and carers' confidence, skills and knowledge to explore maths concepts and directly support children's maths learning. It provides:

- Opportunities for children to take part in engaging maths activities with their parents, including resources to support home learning.
- Increased parental engagement in supporting children's maths learning at KS1 and KS2

- An opportunity to evidence your work on effective parental engagement within the school.
- £500 incentive to schools who recruit 8 or more parents.

## School Briefing Session

### September 2024 – School Briefing Session

- When: 18 Sept 2024 - [register here](#)
- Where: Online and Recording available
- Duration: 20-30 minutes
- Who: for schools, headteachers, Y2 and Y3 teachers

This session will be run online by Campaign for Learning and will be recorded for any schools who cannot join. The session aims to brief the school with an overview of the programme and how the trial will run in their school as well as providing a chance for any questions.

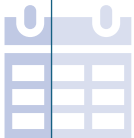
### What will be delivered?

The intervention will be delivered to the treatment group in the Spring term 2025 (beginning in January 2025). The intervention will be delivered to the control group in the next academic year (Autumn 25).



**Family Learning Tutors will attend 1.5 hours of online training on the intervention**

The intervention is 12 hours in total, comprising 6 x 1 hour in-school sessions and 6 x 1 hour sessions of home learning. The hour sessions will be broken into two, focusing on 30 mins with the adults only and 30 mins where the children join the adults in a family practical session.



**Trial starts January 2025 and runs throughout the Spring Term**



**Tutors deliver 6 hours at school to parents and children and 6 hours will be for home learning.**



**Data collected through individual learner record and surveys**

## How is data captured?

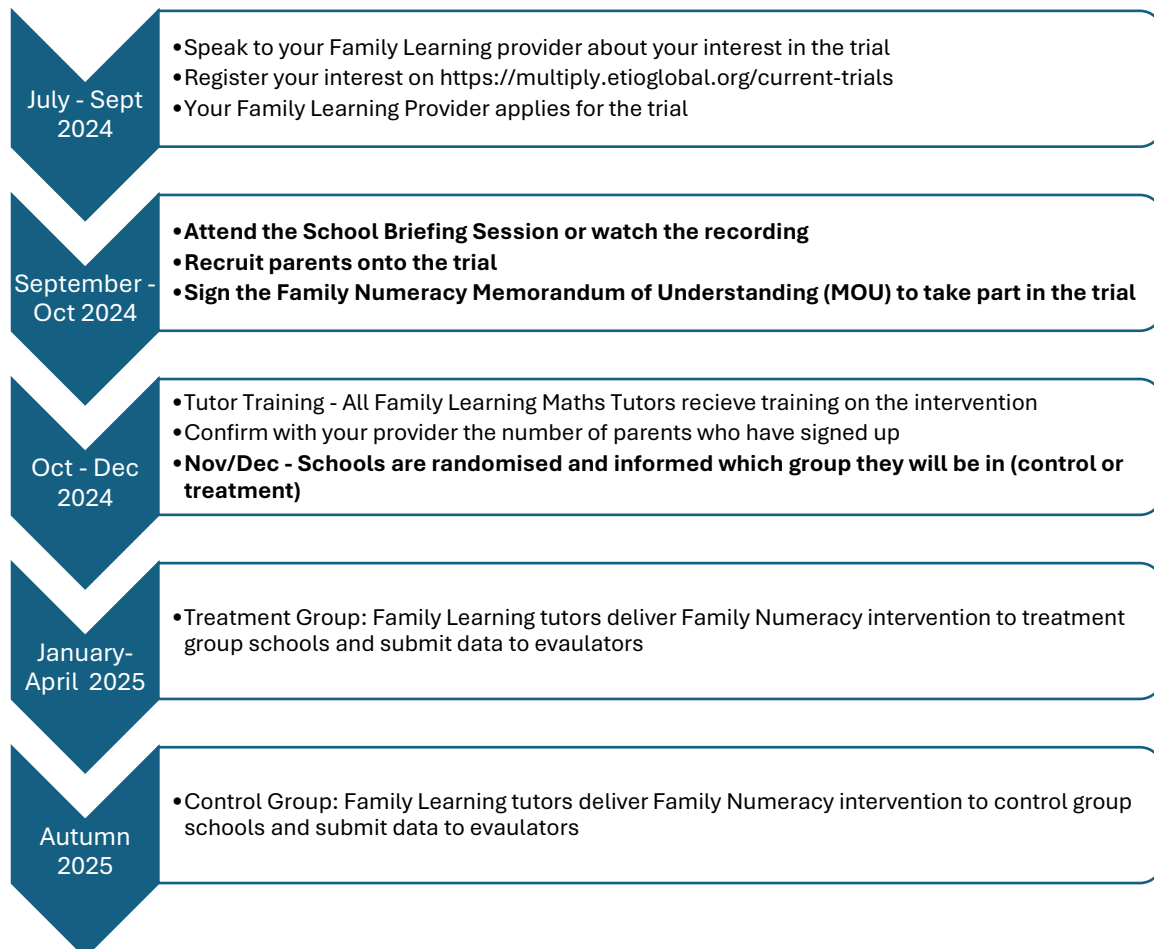
The research will capture data from learners and tutors by:

- Observations of tutor training sessions
- Baseline and endline surveys of parents in treatment and control groups
- Endline survey of teachers in treatment schools
- Endline survey of tutors in treatment schools
- Child data collection in the form of teacher assessments of progress against Key Stage 1 Maths benchmarks

Additional optional activities for the learners and teachers which we would expect providers support in promoting:

- Qualitative interviews with parents in treatment and control groups
- Qualitative interviews with tutors in treatment group
- Qualitative interviews with teachers in treatment and control groups.

## Timeline for Schools



## FAQs

How can I take part as a Primary school?

1. Please speak to your Family Learning tutor/ provider about this opportunity and ask them to register their interest here: <https://multiply.etioglobal.org/current-trials>
2. If you need help identifying or contacting your local family learning provider, email us at [multiply@etioglobal.org](mailto:multiply@etioglobal.org)

Do I have to already be involved in the Multiply programme to participate?

No - local areas and providers do not have to be a recipient of Multiply main programme funding to be in the RCTs.

When will I know if I am in the treatment or control group? / Do I have a choice?

Allocation to treatment or control group is done at random so we are not able to meet preferences for one or the other groups. Allocation will happen in the autumn term (2024) and participants will be notified quickly after. Training for tutors will happen in October in time for delivery in January 2025. There are perks of being involved in both, including the schools incentive.

What do I need to do and by when?

If you want to be involved, we would love to hear from you by September/October 2024. To register your interest, please get in touch with your Family Learning Tutor to register for the trial or for more information please visit: [www.multiply.etioglobal.org](http://www.multiply.etioglobal.org)

## Useful links

Questions? Please contact [multiply@etioglobal.org](mailto:multiply@etioglobal.org)

[Or speak with your local Family Learning Provider about this opportunity.](#)

Multiply Trials website: [www.multiply.etioglobal.org](http://www.multiply.etioglobal.org)