

Maths Champions programme

Supported by



Department
for Education

An online professional development programme with 12 months access developed by National Day Nurseries Association (NDNA)

The Education Endowment Foundation (EEF) evaluation report found that:

- Children in Maths Champions setting made, on average, the equivalent of three months' additional progress
- Children eligible for Early Years Pupil Premium (EYPP) made, on average, the equivalent of six months additional progress
- Maths Champions received the EEF's highest possible security rating for the strength of the evidence and the low cost to settings.

Our own research found that:

- 98% of settings say their knowledge of supporting children's mathematical development improved during the course of the programme
- 99% of settings say the programme has a beneficial impact on staff in their setting
- 100% of settings say the programme has a beneficial impact on children attending the setting
- 99% of settings would recommend the programme to others.

An evidence-based programme that builds staff confidence to support children's early maths development through everyday practice

The aim of the programme is to increase practitioner knowledge, awareness and confidence in supporting early mathematics in order to improve outcomes for children.

Nine steps to Maths Champions success

The programme consists of nine steps, which can be completed flexibly around your schedule.

1 Initial Information

This section includes important information about the programme and what is expected throughout.

2 Reflective Learning Journal

A learning journal that you can use throughout the programme to record your reflections, training, development plans and achievements.

3 Online Training

Three bespoke online training courses designed to enhance and consolidate the knowledge of the settings Maths Champion to support staff development and improve outcomes for children.

4 Observational Assessment

An observational assessment tool to record the impact of changes made throughout the programme on a chosen sample of children.

5 Assessment Audits

Learning environment and staff confidence audit tools to help you evaluate your current practice and identify areas for improvement that you can focus on.

6 Action Plans

This section contains action plan templates allowing you to record key priorities identified in the audits. These can be used throughout the programme to improve practice and record your achievements.

7 Core Activities

Play based activities to be carried out with children in your setting. The aim of these are to increase staff's understanding and confidence and to benefit children's attainment through every day activities.

8 Measuring Impact

Revisit the observation, audit tools and action plan to identify where improvements have been made and reflect on the overall impact of the programme.

9 Case Study

A case study for you to complete focusing on an area that you have been developing throughout the programme. This is your opportunity to share the success you have had.

What our Champions are saying....

Maths Champions is now available to more settings across England through fully funded places, supporting children's early maths development. This includes private, voluntary and independent nurseries as well as maintained and school-based nurseries.



Thornhill Community Pre-school

"The programme helps shift attitudes towards mathematics while creating a shared positive language around early maths learning.

As practitioner confidence has grown, children's engagement and willingness to explore mathematical ideas have also increased"



Children Exploring Maths Through Play

"The first obvious change was that children were beginning to subitise and staff were feeling more confident in the role of the adult."

Alverbridge Nursery

Join the growing number of settings already making a difference.

PVI Pre-School

"The observational assessment breaks down the areas of maths further than we have ever looked at them before and has helped so much with staff's understanding and also unpicking children's knowledge and understanding.

As a result, it showed children in our setting have made good improvement with mathematics, showing more interest in mathematics around them and in their environment."

Nursery Class

"The core activities provided carefully structured learning opportunities, designed to be rehearsed and consolidated. They supported the EYFS ethos of learning through play, and so the children never tired of them.

They were eager to repeat them throughout the week, thus ensuring mathematics skills and understanding were embedded."

Nursery School

"Being involved in the Maths Champion programme has been an amazing experience and one which will impact the children and staff for years to come."



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