

**FULLY FUNDED**

# Developing Pupils' Problem-Solving Flexibility in KS2/KS3

## Who can take part?

This workgroup is designed for KS2 and KS3 teachers in mainstream schools. It would particularly appeal to schools who are sustaining their teaching for mastery approach and looking to freshen the teaching of mathematics.

## What is involved?

- Attend 5 face to face sessions, where they will:
  - Work collaboratively to explore pupils' solution strategies
  - Design/ adapt tasks to promote pupils' problem solving flexibility
- Complete 1 pre-attendance task and 4 gap tasks.
- Participate in lesson study to develop pedagogical practices.
- Develop analogous reasoning with whole class

## Dates

- Session 1 – Tuesday 28th November 2023 1pm - 3:30pm
- Session 2 – Tuesday 9th January 2024 9:30am - 3:30pm
- Session 3 – Monday 5th February 2024 9:30am - 3:30pm
- Session 4 – Tuesday 5th March 2024 9:30am - 3:30pm
- Session 5 – Tuesday 16th April 2024 1pm - 3pm

## Location

**Fox Primary School, Kensington Place, London, W8 7PP**  
(Lunch will not be provided but you will have time to go to the local shops or bring your own)

**APPLY HERE**

## Benefits

- Pupils use analogous reasoning to become more flexible problem-solvers.
- Teachers understand how to promote analogous reasoning using an online platform **No More Marking** to develop pupils' problem-solving flexibility.
- Teachers will learn how to create a learning environment that develops pupils' problem-solving flexibility using one-problem-multiple-strategies procedural variation tasks
- Teachers will develop knowledge to share with other colleagues for a school-wide approach

\*The London Central and West Maths Hub reserves the right to charge a £75 fee for non-attendance to the sessions or for cancellations to any of the sessions with less than 1 weeks' notice\*\*