

## Specialist Knowledge for teaching Mathematics Primary Teaching Assistants

### What is involved?

This project is designed to improve the subject knowledge and pedagogical knowledge for all practitioners teaching and supporting the learning of primary maths.

#### Modules covered:

What is effective in the learning and teaching of mathematics?

Number sense  
(part 1 and part 2)

Additive reasoning

Multiplicative  
reasoning

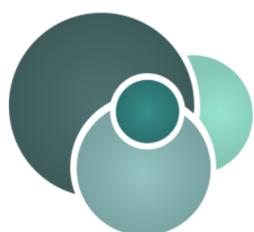
Fractions

### Who can take part?

- This programme is designed for state-funded primary schools in England.
- This programme is designed for primary school teaching assistants who would like to develop their specialist knowledge for teaching maths.
- This may be particularly relevant for new TAs or TAs that have not received maths-specific training.

### What will you learn?

- Your pupils will demonstrate a positive attitude towards maths, being willing to have a go, persevere, and share mathematical ideas.
- You will review your practice as a result of the sessions and make specific adaptations to support the pupils you are working with.
- You will understand the key elements that form number sense, forms of addition and subtraction, forms of multiplication and division, and forms of fractions, including precise language, structures and representations.

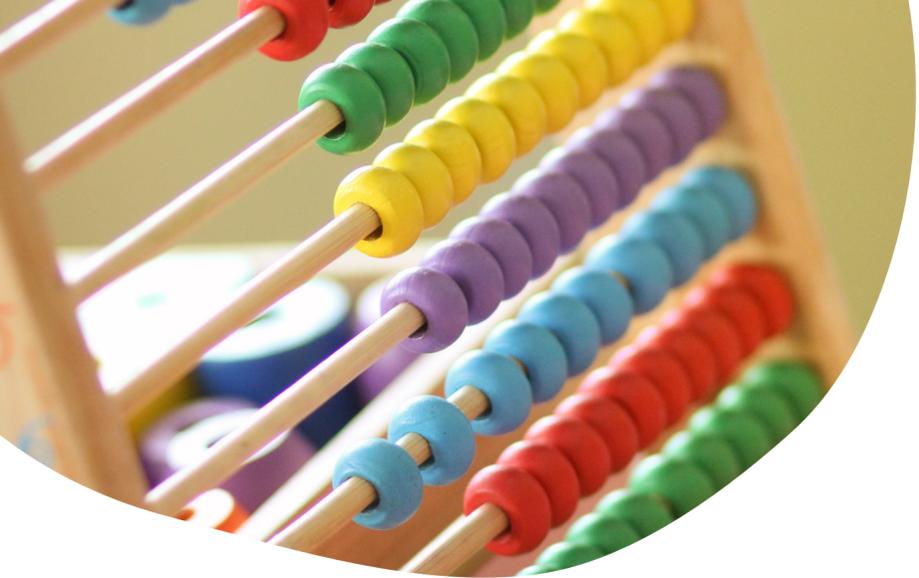


**NCETM**

NATIONAL CENTRE FOR EXCELLENCE  
IN THE TEACHING OF MATHEMATICS

Working with





## Benefits

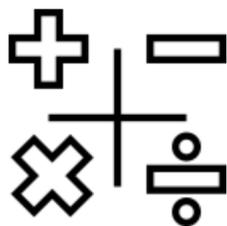
**Building positive attitudes towards maths**



**Equipping you with strategies to support students**



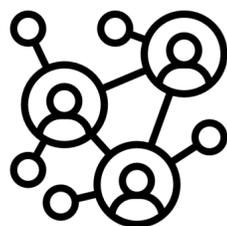
**Improving maths subject knowledge**



**Improving pedagogical knowledge**



**Networking and training opportunities**



**What approach is used?** Modules are designed to be delivered through either face-to-face workshops or online. Workshops will give you the opportunity to collaborate with others and share good practice.

**What time commitments are there?** The programme will be delivered across the equivalent of four days with each module designed to last between three to four hours, but may last longer if delivered online.

**How much will it cost us?** There is no charge from the Maths Hubs for participation in the programme. (It's free!)\*  
\*Please be aware that due to high demand there is a maximum limit of two participants per school.

**Where can I find out more information?**

- **NCETM** - <https://www.ncetm.org.uk/>
- **NNW Maths Hub** - <https://nnwmathshub.org.uk/>
- **Email us** - [nnwcoordinator@queenkatherine.org](mailto:nnwcoordinator@queenkatherine.org)
- **Phone us** - 01539 743900



**How do I apply?** Click on the [QR code](https://forms.office.com/r/9CMVSBNeRE) or click on the link here: <https://forms.office.com/r/9CMVSBNeRE>

