How does MyMaths help you ensure mastery of skills?
What do we mean by mastery?

There are generally four ways in which the term mastery is being used in the current debate about raising standards in mathematics:

- **Achieving mastery**: Mastery of particular topics and areas of mathematics, which involves knowing ‘why’ as well as knowing ‘that’ and knowing ‘how’.

- **Teaching to mastery**: A set of pedagogic practices that keep the class working together on the same topic, whilst at the same time addressing the need for all pupils to master the curriculum and for some to gain greater depth of proficiency and understanding.

- **A mastery curriculum**: One set of mathematical concepts and big ideas for all. All pupils need access to these concepts and idea and to the rich connections between them.

- **A mastery approach**: A set of principles and belief. This includes a belief that all pupils are capable of understanding and doing mathematics, given sufficient time.

Find out more about how MyMaths can be used alongside any other maths resource to help children to consolidate their maths knowledge and achieve mastery.
MyMaths provides hundreds of practice opportunities through its lessons and homework tasks, all of which deepen children’s mathematics knowledge and develop their fluency, reasoning and problem solving skills.

Within lessons, concepts are carefully introduced in a step-by-step manner. When appropriate, scaffolded examples are worked through before children are given opportunities to try for themselves.

MyMaths also provides a wide range of maths games that provide a fun means of further practising fluency.
Children can access the site themselves at any time, providing them with a means of deepening their conceptual understanding through practice and ensuring they have access to revision of standard procedures.

Homework tasks provide a variety of procedural practice and application of maths through contextual problems.

Each homework task uses random number generation to ensure children can go back to tasks and develop real fluency.
Assessing depth of knowledge

The immediacy of MyMaths’ assessment manager allows lessons and homework to be set, tracked and commented on the instant children have completed it.

Teachers can see which questions children have struggled with, allowing them detailed insight into concept understanding.

Comments can be provided to encourage and direct pupils to appropriate work for further practice.

Mastery with MyMaths

Further mastery support from Oxford University Press
Further mastery support from Oxford University Press

Teaching for Mastery:
QUESTIONS, TASKS AND ACTIVITIES TO SUPPORT ASSESSMENT

● Written by the NCETM in conjunction with the Maths Hubs programme
● Provides assessment support for mastery in maths for Years 1 to 6
● Draws on both UK and international research to allow teachers to assess their pupils’ depth of understanding.
● Download from Oxford Owl. You’ll need to be registered – it’s free!

Mastery with MyMaths

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Mastering Mathematics

- Professional development handbook from Dr. Helen Drury.
- Explains the key elements of the mastery approach, drawing on international research and real UK examples.
- Complete with key questions for individual reflection, and an action plan for maths leaders.
- Watch videos from Dr. Helen Drury on Oxford Owl. You’ll need to be registered – it’s free!

Mastery with MyMaths

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Mastering Mathematics Pathway

- Find everything you need to implement mastery, with the help of our Mastering Mathematics Pathway, developed by experts Professor Mike Askew and Dr. Helen Drury.

- Pathways helps leaders follow a four-step process to deliver effective school improvement, with editable tools and resources: 1. Audit 2. Strategic Planning 3. Take Action 4. Evaluate Impact

- Subscribe to Oxford Owl to get started with the Mastering Mathematics Pathway. You’ll also get access to 20 other Pathways and all of our Professional Development & Best Practice videos and Teaching & Assessment Resources.
Mastery with MyMaths

Find out more about MyMaths

Contact your local sales representative

MyMaths
Bringing maths alive