



Working towards GCSE Mathematics

How to prepare for the changes in post-16
mathematics policy in one easy step

Working towards GCSE Mathematics



Changes in government policy mean more post-16 learners will be studying more mathematics, working towards GCSE Mathematics Grade C. Recent developments include:

- Functional Skills Mathematics replacing Adult Numeracy and Key Skills Application of Number
- The requirement for all 16-18 year olds to work towards GCSE Mathematics grade C or above if they don't yet have it
- Raising the participation age

As only around half of all students achieve GCSE Mathematics grade C or above by the end of Key Stage 4, these changes will have a major impact.

While it's great that more learners will have this opportunity, supporting them could present you with a number of challenges. Your vocational teaching staff may have been confident teaching Key Skills, but how do they feel about teaching Functional Skills, or even GCSE resits? It's a big ask. How will you manage?

Just like your learners, your teaching staff need the right skills for the job – strategies to develop understanding, knowledge of different methods and techniques and the confidence to think on the spot and make the best use of learning opportunities.

How can MEI help?

Our support can equip your teaching staff to adapt to these changes. We can:

- Inspire your staff
- Build their confidence
- Enhance their subject knowledge
- Show them successful strategies for teaching and learning
- Provide them with engaging resources and ideas for activities
- Help them to motivate and inspire their learners

We share fresh approaches that can help learners to understand and remember where other methods have not worked for them.

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The quality of an education system cannot exceed the quality of its teachers.

McKinsey & Company

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Great delivery, engaging with lots of different strategies

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Every course I have done and every resource I have used so far has proved endlessly useful.

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MEI worked with our company to develop resources to support Functional Skills Maths. The solution was innovative, suited to the age group of our apprentices, and more importantly making learning fun!"

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Our courses include:

■ Teaching Functional Skills Mathematics

For vocational teaching staff with some experience of teaching numeracy, who are new to teaching Level 1 or Level 2 Functional Skills Mathematics. It can be adapted to different vocational contexts.

■ Strategies for teaching resit GCSE Mathematics

For both mathematics specialists and vocational teaching staff with some experience of teaching numeracy, supporting learners who are working towards resitting GCSE Mathematics.

■ Teaching GCSE Mathematics

A sustained year-long course with extensive support and resources. Designed for teaching staff, including non-specialists, with some experience of teaching mathematics at level 2 who are making the step up to teaching mathematics at a higher level.

These can be delivered at your own site or attended as open courses.

We also offer bespoke professional development, resources and departmental reviews.

Why?

The benefits of developing your staff in this way include:

- More effective teaching staff are better able to engage learners and help them to excel in assessments.
- Boosting staff confidence can enhance job satisfaction and improve retention.
- More efficient use of resources saves time and provides a better experience for learners.
- Investment in training and the impact it has on your learners enhances your professional reputation.

Visit mei.org.uk/cpd to find out more about our courses.

Why MEI?

We are passionate about what we do. Our professional development team has a wealth of knowledge and experience in teaching and learning mathematics. We go the extra mile to understand your needs and design practical and sustainable solutions that work for you.

What's more, the high quality of our professional development provision has been recognised by the National Centre for Excellence in the Teaching of Mathematics (NCETM) through its award of the NCETM CPD Standard.

We believe we can make a real difference to your organisation.

So what's the one easy step?

Just call Janice Richards on **07445 345 094** or email janice.richards@mei.org.uk to find out more.



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About MEI

Mathematics in Education and Industry (MEI) is a membership organisation and a charity which since the 1960s has worked to support mathematics teaching and learning. Any income generated is used to support mathematics education.

MEI pioneers the development of innovative mathematics qualifications and teaching and learning resources. MEI offers teachers of all GCSE and A level specifications a range of continuing professional development courses, provides specialist tuition for students and works with industry to enhance mathematical skills in the workplace.

MEI manages the government-funded Further Mathematics Support Programme.