

CENTRES FOR EXCELLENCE IN MATHS

As a member of our network, you will become part of a growing community of colleges striving to explore and provide excellent maths provision in their organisation through access to evidence-led sector-based research, CPD events and shared quality resources.



Centres for Excellence in Maths (CfEM) is a five-year national improvement programme aimed at delivering sustained improvements in maths outcomes for 16–19-year-olds, up to Level 2, in post-16 settings. Funded by the Department for Education and delivered by the Education and Training Foundation, the programme is exploring what works for teachers and students, embedding related CPD and good practice, and building networks of maths professionals in colleges.

Teaching for Mastery in FE

The University of Nottingham is leading research to develop an approach to embedding Mastery teaching in FE. This will complement the teaching for Mastery approach that is informing teaching in primary and secondary schools. Activities in 2021/22 include a randomised controlled trial which will see teachers allocated to one of three groups: solely using teaching for mastery materials with their classes; using these materials alongside taking part in a collaborative teacher inquiry group; or carrying on with 'business as usual' (this doesn't exclude other CfEM activities).

This is important work that will inform future developments in maths teaching in FE. If you wish to take part in this research, please click [here](#).

Action Research

By joining a **CfEM network**, you'll have the opportunity to work collaboratively with peers to systematically investigate an area of your maths practice by undertaking small-scale action research. You'll be supported by an Action Research Lead, participate in flexible blended action research professional development and access on-going mentoring – all with like-minded maths teachers. You'll share your findings with each other and the wider FE sector in a series of national dissemination events in summer 2022.

"Possibly the most important aspect of improving post 16 GCSE maths resit grades!"

"I am extremely pleased that we are part of the project and there have been many benefits to our involvement"

Wider Maths CPD

These free, online, professional development events are open to the wider sector. Sessions provide opportunities to discuss and learn from colleagues across the sector about what work 'on the ground' and to consider ideas from leading national and international experts in the maths community. The ideas discussed will have relevance to all teaching but particularly for level 2 courses such as GCSE resits and functional skills. You can find our current dates for CPD here on the ETF website.

100% of attendees in 2020 were strongly satisfied with the contents of the programme.

Networking

CfEM networks offer the best means of building professional maths links in FE, whilst providing you and colleagues with valuable CPD opportunities. The networks give you the chance to collaborate and to work through the topics that matter to you.

As a member of the CfEM network you will gain access to our shared resources and will be invited to our network-exclusive events.

Find your nearest centre [here](#).

Centres for Excellence in Maths network offer

More than half of all GFEs and Sixth Form Colleges are now part of a CfEM network. Over the next two years, we want the programme to benefit all FE & Sixth Form Colleges, maths teachers and their students. As a network partner you will have access to resources and CPD informed by research and be a part of a local community of professional maths teachers. We are committed to working with colleges to find and champion the excellence that already exists in maths education in the sector and to share the most effective examples with the widest possible audience.

Opportunity	When	How to get involved?
Teaching for Mastery in FE Research (130 places)	Sign up for the research study from February to 1 May 2021 (1st round). 2nd round of recruitment will be open from 2 May 2021 to 6 July 2021 if the target of 130 teachers is not met. Randomisation of groups is on July 2021.	Sign up for the research study here .
Action Research Dissemination Events (400 places)	CfEM Live 2021 June/ July 2021. Join a community of maths teachers to celebrate and learn from their action research findings on motivation & engagement, technology & data, mastery and contextualisation.	Event booking to open shortly. Details here .
Action Research Lead (42 places)	Nominations for Action Research Leads opens in March 2021. A brilliant opportunity to lead Action Research across your network.	Guidance and nominations open shortly.
Action Research Teachers (168 places)	Recruitment for Action Research Teachers to participate in local action research projects opens May 2021 – activity led by the Action Research Leads.	Complete this Expression of Interest form to register your interest here .
Wider Maths CPD	The CPD events are hosted termly and are facilitated by the team at University of Nottingham.	Book sessions here .

Contact us...

To join a network:
projects@aoc.co.uk

For details on Teaching for Mastery in FE Research Project:
cfemadmin@nottingham.ac.uk

For general queries:
cfem@etfoundation.co.uk

Find your closest centre search [here](#).

Read our previous newsletters and join our mailing list [here](#).