

## MTF - Maths for Third & Fourth

Inspiring ideas, software, lessons and games.



Are you looking for some refreshing ideas for teaching Mathematics in third & fourth class? Searching for additional approaches to expose your students to problems much more than to facts, where problem solving is at the heart of your mathematics lessons? We'll not only 'sum up' all the key teaching ideas for you, we're confident we'll increase your available resources by 'multiples'.

This **self-paced on-line course** engages teachers in considering many aspects of and teaching approaches in each of the 5 strands of mathematics: Number, Algebra, Shape & Space, Measures, Data and Algebra.

Upon completion, teachers will be able to demonstrate knowledge and understanding of key mathematical concepts and processes, and the most appropriate approaches for assisting children in third and fourth class in acquiring those concepts through stimulus activities. Participants will be provided with numerous stimulating teaching resources for each strand unit.

### NOTE:

The on-line format of this course enables you to study at a time and place that best suits your own needs.

**You can access your course anytime until March 31st 2018.**

Within this highly interactive web based course, a dynamic learning experience awaits, where you can interact with your fellow course participants through the in-course chat forums and communication tools provided by the CPD College learning system.

Our friendly and knowledgeable tutors actively support each course, providing expert interaction, guidance and feedback for all participants on chat questions and assignments which call for critical reflection, self-analysis and a reasoned response.

On successful completion of your course, you can download and print off your CPD record and Certificate of Completion.

We look forward to welcoming you to your course.

# Learning outcomes

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This course aims to:

- Improve teacher understanding, skill and ability to teach maths effectively
- Verse teachers in the recommended approaches, methodologies, best practices and activities for developing pupil mathematical skills.
- Detail the elements that combine in effective mathematics teaching in each of the strands
- Explore and create Maths lessons that are based on strong 'Assessment for Learning' principles.
- Equip teachers with a suite of assessment approaches
- Showcase how ICT can help in mathematics teaching and learning.
- Review research/literature/writings to extrapolate good practice points
- Look at, review and score one's own mathematics 'Teacher Practice' as part of the SSE process

## Modules

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01 - Teachers will be introduced to the recommended approaches, methodologies and best practices for developing pupil mathematical skills, through relevant professional development articles and teaching resources.


02 - Teachers will work through the strand units for NUMBER, engaging with and compiling the best freely available interactive and print resources for developing NUMBER skills and supporting strong NUMBER concept acquisition.

03 - Teachers will work through the strand units for MEASURES, engaging with and compiling the best freely available interactive and print resources for developing skills around MEASURING and supporting strong concept acquisition.

04 - Teachers will work through the strand units for SHAPE & SPACE, engaging with and compiling the best freely available interactive and print resources for developing skills in the strand units of SHAPE & SPACE and supporting strong concept acquisition.

05 - Teachers will work through the strand units for DATA & ALGEBRA, engaging with and compiling the best freely available interactive and print resources for developing DATA & ALGEBRA skills and supporting strong concept acquisition in this area.

## Course quick links

 [Register your interest](#)

 [Enrol](#)

 [Download fact-sheet](#)

 [To learning centre](#)

**Course cost:** €89.00

**Format:** On-line

**Course duration:** 20 hours

*"I found this course to be excellent. The reading was relevant and not packed with jargon, the resources hugely helpful and the layout extremely easy to use. Thank you for the download section, it made it so much easier! I also think you may have saved me hours searching for or making powerpoints as you have provided so many. I will definitely be using many of the invaluable resources recommended. I look forward with enthusiasm to teaching of maths next year and to sharing the resources with my colleagues." - Ann, 2016*

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