

MFSE - Maths for Fifth & Sixth

Inspiring ideas, software, lessons and games.



Are you looking for some refreshing ideas for teaching Mathematics in fifth & sixth 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 to assisting children in acquiring those concepts through stimulus activities.

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

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

01 - Teachers will be introduced to the recommended approaches, methodologies and best practices for developing pupil mathematical skills, through explicit core text and the articles for further reading within the library.


02 - Teachers will work through the strand units for NUMBER, engaging with & trialing the best freely available software for developing NUMBER skills and supporting strong NUMBER concept acquisition.

03 - Teachers will work through the strand units for MEASURES, engaging with & trialing the best freely available software for developing skills around MEASURING and supporting strong concept acquisition.

04 - Teachers will work through the strand units for SHAPE & SPACE, engaging with & trialing the best freely available software 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 & trialing the best freely available software 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 have been impressed by the course content and the resources it has put at our disposal for use in the classroom. I have been teaching for a long time and it is refreshing to see simple

ideas which I am sure will re-invigorate my practice. Thanks for revitalising my ideas about mathematics-teaching." - Hannah, 2016

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