

I25 - Mathematics for Year 5 & Year 6

Inspiring ideas, software, lessons and games.



Are you looking for some refreshing ideas for teaching Mathematics in Year 5 and Year 6? 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.

The on-line format of the course enables you to **study when and where you want** to learn. Content is divided into 5 modules which you can complete in any order between **at any time**.

Participants are encouraged to interact with one another using the communication tools (forum, chat, e-mail) provided by the CPD College learning system. Active facilitation throughout the course provides expert interaction, guidance and feedback for all participants. Assignments and questions which call for critical reflection, self-analysis and a reasoned response punctuate this highly interactive web based course.

On completion of the course the participant will be presented with their own time record, exercise content and approval by the course facilitator as their CPD record to keep.

Learning outcomes

On completion of this course teachers will be able to identify and incorporate the recommended and most successful approaches to developing pupil mathematical skills in any of the strand areas; plan and deliver a Maths lesson on any strand unit, where the lesson plan will embody an 'Assessment for Learning' approach, with the learning intentions & learning outcomes being made explicit for the pupils; and identify, select, deploy and integrate into their lessons, the best freely available software, in order to make concepts more visual, more explicit and subsequently more understandable using the power of ICT.

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, 2014

Source URL: <http://cpdcollege.com/content/i25-mathematics-year-5-year-6>