

I22 - Mathematics for Kindergarten/ Reception

Inspiring ideas, software, lessons and games.



Are you looking for some refreshing ideas for teaching Mathematics in kindergarten/ reception? 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 kindergarten/ reception classes in acquiring those concepts through stimulus activities. Exciting interactive resources will be provided to support the teaching of each strand unit.

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 **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 this course each participant can download their CPD record and Certificate of completion. The Certificate of completion demonstrates your achievement in completing this professional development course.

Learning outcomes

On completion of this course, teachers of kindergarten/ reception will be able to identify and incorporate the recommended and most successful approaches to developing pupil mathematical skills in any of the strand areas; to 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. Teachers will also be able to identify, select, deploy and integrate into their lessons, the best freely available interactive and print resources, 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 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

"Mathematics for Reception/ Kindergarten is an absolutely phenomenal course and I am blown away by all the amazing resources that I will get to utilise in the coming school year and for years to come. I wouldn't hesitate to recommend this course to my colleagues. I've completed several courses with CPD College and have never been disappointed! Looking forward to completing another one next year." - Shona, 2015

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