



**YOUR PARTNER IN TEACHING**

## Age Appropriate Mathematics: applying mathematical concepts, processes & skills



This **self-paced on-line course** is aimed at teachers who would like to **explore each of the strands of the Mathematics curriculum** in a structured and systematic way including **Number, Shape & Space, Measures, Data** and **Algebra**, looking at explanations of key mathematical concepts and processes, main teaching points, along with approaches and methodologies. Mental arithmetic strategies for addition, subtraction, multiplication and division will also be covered.

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 July 1st and August 28th 2009**.

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.

**All courses are DES approved for EPV days**

**Places are limited - register now to avoid disappointment.**

**How to register:** [click here to register now](#)

**Cost:** €99



### Learning outcomes:

Through engagement with the course content and through the sharing of successful teaching strategies & approaches within the discussion forum, the knowledge and insights gained by participants will inform the organization and implementation of their Mathematics scheme of work in the coming year.

### Modules:

01 - Demonstrate knowledge and understanding of key mathematical **NUMBER** concepts and processes, and the most appropriate approaches to assisting children in acquiring those concepts & skills. Acquisition of mental arithmetic and problem solving strategies.

02 - Demonstrate knowledge and understanding of key mathematical **SHAPE & SPACE** concepts and processes, and the most appropriate approaches to assisting children in acquiring those concepts & skills.

03 - Demonstrate knowledge and understanding of key mathematical **MEASURES** concepts and processes, and the most appropriate approaches to assisting children in acquiring those concepts & skills.

04 - Demonstrate knowledge and understanding of key mathematical **ALGEBRA** concepts and processes, and the most appropriate approaches to assisting children in acquiring those concepts & skills.

05 - Demonstrate knowledge and understanding of key mathematical **DATA** concepts and processes, and the most appropriate approaches to assisting children in acquiring those concepts & skills.

**Course duration:** 20 hours

**Accrediting body:** Department of Education and Science

**Type of accreditation:** 3 EPV Days

