

I29 - Mad About Science

Working as a scientist in today's curriculum.



All you have to do is mention the word 'Science', to get an immediate 'reaction' from the children. It's the one subject that gets them fired up, super-charged and coiled for off! They love the subject. As a teacher, we need to structure the lessons correctly, getting them to work as true scientists would in the field or laboratory. This course will have you crafting, devising and planning experiments & investigations, following best scientific principles. Now – where's that white coat?

This **self-paced on-line course** is aimed at teachers who, for the duration of this course, will work as scientists, learning those all important skills such as the ability to observe, question, predict, investigate, measure and analyse. Skills can be practiced and honed as you explore content areas of human life, plants, light, sound, magnetism and electricity, the properties of materials and the environment within which we live.

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

Through engagement with the course content and through the sharing of successful teaching approaches within the discussion forum, the knowledge and insights gained by participants will inform the organisation of their Science Scheme of work in the coming year.

Modules

01 - To foster an understanding of the scientific skills and concepts that are potentially developed through looking scientifically at human, plant and animal life.


02 - To foster an understanding of the scientific skills and concepts that are potentially developed through looking scientifically at the areas of light, sound and heat.

03 - To foster an understanding of the scientific skills and concepts that are potentially developed through looking scientifically at the areas of forces and magnetism and electricity.

04 - To foster an understanding of the scientific skills and concepts that are potentially developed through exploring the properties and characteristics of materials.


05 - To foster an understanding of the scientific skills and concepts that are potentially developed through looking scientifically at environmental care and awareness.

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 really enjoyed this course. I particularly enjoyed observing the video resource clips based on the various modules. It was easily apparent how much the children were enjoying the activities and how much learning was taking place. I was impressed by how eager young children are in this subject. Planning and preparation are key to the success of the science programme." - Rachel, 2014

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