



## Science Investigations: working as a scientist in today's curriculum



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 **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 approaches within the discussion forum, the knowledge and insights gained by participants will inform the organization 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 duration:** 20 hours

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

**Type of accreditation:** 3 EPV Days