

# Getting 'Em Thinking With Science & Maths!

Novel and effective ways of teaching creative thinking, enquiry and problem solving skills

Genuine feedback: "INSPIRING!"; "A fantastic day..."; "Extremely useful..."; "Excellent CPD day..."

## Course Overview:

However your school delivers curriculum science and maths, the 'knowledge' you are required to teach is simply not enough if you want your pupils to have a good 'understanding' of the subjects. You also need to give your pupils experience and practice in the 'higher-order' creative thinking skills of 'applying', 'analysing', 'evaluating', 'creating', as well as creative 'problem solving', 'reasoning' and 'enquiry' more generally.

'Dr Mark's' lively and entertaining course is full of his fun, novel and easy to deliver 'hands on' science and maths investigations, experiments, puzzles, 'tricks' and other engaging activities and ideas. They are all designed to stimulate, enrich and inspire the 'mathematical' and 'scientific' mind of your pupils, and get them into the 'higher order' thinking and learning mode effectively and naturally, almost without them realising they are doing it! It's teaching thinking and learning by stealth!

## This course will show you:

- The skills you need to be a 'good thinker' and problem solver - the common thinking skills of mathematicians and scientists
- How you can more easily and effectively shift you pupils' minds into the more creative higher order thinking modes
- A range of activities to take straight back to the classroom that will inspire and really engage your pupils about science and maths
- A way of teaching science and maths that is particularly effective for stimulating the 'higher order' creative thinking skills essential for grasping any subject properly
- A range of engaging science and maths activities from across the curriculum, with particular focus on the often more difficult to teach 'physical sciences', including forces and motion, chemical reactions and properties of materials, as well as a look at number, shape, space and measurement, and handling data
- Activities that can be used in a variety of ways from quick lesson starters to full-length lesson activities and even engaging homeworks

## What resources do we get for the school?

Included with the course is a **FREE** site-licensed 'CUSTOM' CDROM of Dr Mark's resources drawn from his popular 'MAGICAL MATHS' and 'MAGICAL SCIENCE' CDROMs, worth well over £100 RRP!



## DELIVERY FORMATS:

- Full-day (approx. 5 hours contact) @£595\*
- Half-day or twilight (approx. 2 – 3 hours) @£395\*
- A 1 or 2 hour twilight as part of a 'CPD-Show Combo' day or an 'Extended Pupils & Staff CPD Day' @£545 - £645\*

\*Add VAT plus travel and any necessary overnight B&B  
See 'OPTION, TERMS & FEES' for further details

## Who is the CPD trainer?

'Dr Mark' Biddiss is a Science & Maths Education Provider, Author and GTC(S) approved CPD/INSET Trainer. Since 1997 he has visited many hundreds of schools, worked with thousands of teachers and many tens of thousands of pupils. He has been repeatedly engaged by numerous 'high-profile' clients to work with teachers, including by local education authorities all over the UK, the TES/TSL Education Conferences and the NEC Education Show. Dr Marks teachers' classroom resources are used in thousands of schools throughout the UK and overseas.

Dr Mark was featured in a *Teachers' TV* programme about his work in schools: 'INSPIRATIONS: Magical Science & Maths'.



INSPIRE  
science  
maths