

How to be a brilliant AS/A2 Mathematics teacher

MA2

Tutor: *Alan Catley*

Course price: £195 + VAT

Date: *Thursday 17th June 2010*

Venue: *London*

Delegates will receive a file and/or CD containing detailed notes of the course

The course has been specifically designed for mathematics teachers who are looking for new approaches to stimulate and engage their students in the sixth form. It offers a wide range of practical solutions to the problem of motivating students of all abilities.

The day will be lively and dynamic with a focus on ideas to enhance performance all of which have been tried and tested in the classroom.

9.45am: **Registration and Coffee**

10.00am: **What are the ingredients of a successful teacher?**

Clear and relevant integration of traditional teaching skills with appropriate uses of new technologies. An introduction to the variety of resources readily available on the course CD

10.45am: **Integrating assessment into teaching new concepts**

A specific topic will be introduced but the lesson objective will only be defined at the end of the session – once a conjecture is established by the learners!

11.15am: **Morning coffee**

11.30am: **What makes a 'perfect' lesson?**

Directing the learning
Using 'open questioning' to improve thinking skills and understanding
Making the lesson 'inspector proof' including sensible use of IT!

12.30pm: **Bringing the Applied options to life, Applying the above approaches to selected topics from:**

Statistics / Mechanics / Decision Maths

1.00pm: **Lunch**

2.00pm: **Improving classroom participation,**
Group working and problem solving

2.20pm: **Whole class activities**
Ensuring everyone contributes

2.40pm: **Working in pairs,**
Promoting competition between pairs

3.10pm: **Individualised activities**
Designing the activity to ensure the learner demonstrates thorough understanding

3.30pm: **Plenary discussions**

3.45pm: **Day ends**