

# The Marches Network

## Mathematical Creativity

Saturday 4 October 2008 9.30 – 13.00

Hadley Learning Community, Crescent Road, Hadley  
Telford TF1 5JY

### Choose and book your workshops now

This is the first meeting for the Marches ATM branch under its new name. The organising committee comprises representatives of both the ATM and MA, five mathematics consultants from local LEAs, three initial teacher training tutors and local teachers. We have financial support from the NCETM.

The last meeting in March was well received:

- *As with your other meetings – I have thoroughly enjoyed this morning.*
- *Good to attend informal professional development and meet with others.*
- *Both workshops were great examples of sharing good practice.*

The October meeting is of particular interest to teachers and trainee teachers of KS2 and KS3 as well as strategy consultants, teacher educators and advisers. There is a choice of workshops, in which participants will work on mathematical activities for the classroom.

There will be an admission charge of £4 on the door to cover refreshments and some of our other costs.

9.00 – 9.30	Refreshments and bookstall
9.30 – 11.00	First workshop session
11.00 – 11.30	Refreshments and bookstall
11.30 – 13.00	Second workshop session

You will be able to attend two different workshops during the morning chosen from these three.

### [Workshop A](#)

#### **People Mathematics: collaborative problem solving**

**Alan Bloomfield**

In teams, we will tackle a number of problems and puzzles from the new ATM publication *More People More Maths* written by Alan and Bob Vertes. The focus will be on participants working together with people representing the pieces of a problem. There will be problems suitable for a range of ages but with a focus on KS2 and KS3.

*Alan Bloomfield started teaching maths in 1971 and has been an ATM member since 1973. He has led whole conference people maths sessions for ATM and contributed to international conferences, most recently he joined the ATM team at the 2008 International Congress of Mathematics Education in Monterrey Mexico. With Bob Vertes he has written two books on People Maths for ATM and is planning a third aimed at FS / KS1.*

## Workshop B

### Using shared images to promote creative thinking

Barbara Ball

In this workshop you will work on a number of different mathematical activities suitable for KS2 and KS3 which use a shared image from a computer program to promote mathematical discussion with the whole class as a starting point for further creative work.

*Barbara Ball was the Professional Officer for the Association of Teachers of Mathematics between 2002 and 2005. Prior to that, Barbara taught mathematics for 37 years in comprehensive schools. With Derek Ball she wrote the innovative Task Maths series of text books and they were the series editors for Nelson GCSE Mathematics. They have been the editors of Mathematics Teaching. More recently, they have written a number of interactive software packages both for ATM and for Pearson Education. Their most recent production is Task Maths Interactive, published by Cambridge Hitachi.*

## Workshop C

### The Bowland Player

Christine Watson

In this workshop you will explore some of the Case Studies developed by the Bowland Trust for use in KS3 mathematics and consider how they relate to the new secondary curriculum, particularly the process skills and functional skills. The Bowland Maths Case Studies are designed to bridge the gap between "school maths" and the outside world. You can find out more by visiting [www.bowlandmaths.org.uk](http://www.bowlandmaths.org.uk) All the materials can be downloaded from this website through the Bowland Player and a DVD is also being distributed free to all secondary schools in the autumn term. During the workshop you will also look at how the professional development in the Player supports using the Case Studies to stimulate learner engagement.

*Christine Watson has taught mathematics in the Midlands for 20 years. She has worked with SMP and OCR on GCSE and Entry Level Graduated Assessment. She currently works for Worcestershire LEA as a secondary mathematics consultant.*

**Numbers for each workshop are limited, so please book your place as soon as possible by emailing [barbara@ludlowballs.force9.co.uk](mailto:barbara@ludlowballs.force9.co.uk) and giving the letter codes (A, B, C) for the two workshops of your choice. If workshops are over-subscribed places will be allocated on a first-come first-served basis.**

You will be able to browse and buy publications at special prices so don't forget to bring your wallet, cheque book or credit card.

You can find out how to get to Hadley Learning Community by visiting <http://www.hadleylearningcommunity.org.uk/location.html>

If you are thinking of coming to this event on 4 October, why not make a day of it and bring your friends and family? You can find out more about Telford at

[www.shropshiretourism.info/telford/](http://www.shropshiretourism.info/telford/)

Telford is good for those who like shopping: <http://telfordshopping.co.uk/shops/map>

And Telford is geared for children - the 450 acre Telford Town Park at

<http://www.telfordtownpark.co.uk/home.html> includes *Wonderland* where nursery rhymes and fairy stories come to life. Older charges may prefer scaling the aerial walkways, rope ladders and slides.

There is also *Telford Ski Centre* and nearby is *Hoo Farm Animal Kingdom*:

<http://www.shropshiretourism.co.uk/attractiondetails.php?estid=65>

And maybe best of all, do not forget all the museums at Ironbridge - you can find out more at [www.ironbridge.org.uk](http://www.ironbridge.org.uk)

***Don't forget to ensure your place for this event by emailing Barbara as soon as possible with your choice of workshops. The closing date is Monday 22 September.***