

Some new publications for 2009

More People, More Maths



This is a sequel to the hugely popular *People Maths, Hidden Depths* and by the same authors. Alan Bloomfield and Bob Vertes have gathered together another thirty great ideas for use with

primary and secondary pupils as well as adult learners. The problems and puzzles encourage groups to collaborate and use themselves to physically model the mathematics.

Further developments include a book of people maths activities for use with younger children. Jenny Shaw, Emma Howell and Alan Bloomfield are working on *Little People, Big Maths* which will be available shortly.

Functioning Mathematically

This book, by Barbara Ball, Derek Ball and Mike Ollerton, explores the kind of mathematical activities that challenge learners to think, puzzle and function as mathematicians. Each of the ten activities consists of a sequence of problems to explore, linked by a common theme related to



the secondary curriculum. There is a commentary for each activity giving suggestions for how the activity might be used with suggestions for further exploration. The book is available both in print and as an e-book. The e-book enables the tasks to be projected in the classroom and it is very easy to move between the tasks and the commentaries.

Early Years – Thinking Maths

The first titles in this new series by Jill Mansergh include:

- *Ludamus* – an introduction to collaborative problem solving
 - *Completing the Square* – an introduction to logical thinking and
 - *Mathematical Allsorts* – an introduction to thinking systematically
- Ludamus*, from the Latin ‘We play’ or ‘Let’s play’ consists of sets of picture cards designed initially for adults to play with children and, when

they are ready, for small groups of children to play together. Children are required to arrange pictures in a certain order following a set of clues.

Suggestions for activities are included to ensure that children have an understanding of the positional language that is needed. The games can be used with children in Foundation and KS1 and may also be particularly useful for older children with English as an additional language.

Completing the Square is a set of activities based on a 4×4 grid. Language of shape, position and relative size is gradually introduced. These activities are also in the Foundation stage, KS1 and for older children with English as an additional language.

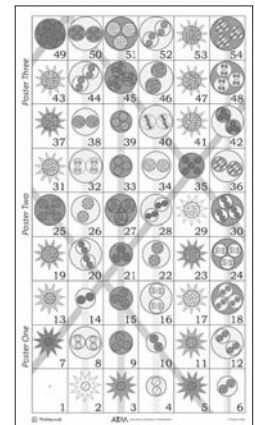
Mathematical Allsorts is a set of cards designed to help children become systematic when searching for all possibilities. They need to sort in various ways looking for similarities and differences between the cards. The activities have been designed for Foundation and KS1 but there is some application in KS2.

Primitives

Alec McEachran has devised this set of four highly original posters exploring the patterns emerging in numbers from looking at their prime factors.

The A3 posters can be used separately or joined together for consideration of larger numbers.

Primitives for any number can be generated using the accompanying software, freely available on www.ptolemy.co.uk/primitives/.



Mathematics for Every Occasion

Colin Foster’s latest book gives suggestions for interesting, rich mathematical activities on topical themes occurring throughout the year. The book includes 21 different occasions with several possible suggestions, leading to interesting mathematical possibilities, for each one.

Your chance ...

If you have ideas for future titles and would like to write or review forthcoming resources, then please contact the publications group. publications@atm.org.uk

Jean Carnall

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