



The Association of Teachers of Mathematics
for mathematics educators;
primary, secondary and higher.

Swindon Branch Second Meeting

25th June 4:30pm to 7:00pm

St Joseph's Catholic College
Ocotal Way, Swindon, SN3 3LR



Developed by Dave Hewitt
Programmed by Paul Hayton

Grid Algebra



Dr Dave Hewitt will be our principal speaker leading a session on **Grid Algebra**.

"Grid Algebra is a new visual and kinaesthetic way to learn number concepts and pre-algebra at KS2 and to learn about number and algebra for KS3 and KS4. What is more, it supports more developed algebra ideas as well." (ATM website).

Dave Hewitt is Senior Lecturer in Mathematics Education at Birmingham University. He describes his interests on his webpage:

- How can young children learn number names quickly and effectively so that they work with a wide range of number with confidence?
- How can technology be designed and used so as to make certain mathematical notions more accessible for students?
- Are there ways of approaching the teaching of algebra so that it feels natural and accessible for students rather than the often too common reporting that students find algebra difficult and confusing – a bizarre game with symbols where the rules are far from transparent?
- What difficulties often attributed to algebra are, in fact, issues to do with notation – the way algebra is formally expressed – rather than algebraic notions themselves?
- How can children learn to adopt formal algebraic notation quickly and be able to use it with confidence?

This will be followed by refreshments and a workshop:
What factors most affect student achievement ?

With John White
Teaching and Learning Consultant:
Mathematics
Swindon Borough Council

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In need of
Grid Algebra?



Bookshop will be
available so bring
your pennies.

Admission is **FREE**

This event is sponsored by Swindon Borough Council

