

## 'Everybody Counts'

Welcome to the Summer 2010 Primary Mathematics Newsletter  
- sharing good practice from around the County and updating you on national initiatives

### ICT WORKED FOR ME!!

**ICT Resources from the Primary Framework recommended by teachers in Gloucestershire**



#### Multi\_div\_facts\_2\_to\_6 Spreadsheet

X		4	2	
6	18			18
			12	
		20		

The program focuses on recall facts for 2, 3, 4, 5 and 6 times tables.

- 'click' on the 'cells' to reveal individual numbers
- *Reset* button will generate a new set of numbers and products

#### Use discussion prompts/question stems such as ...

- [Reveal three numbers to complete a number sentence]. Write / say different number sentences that connect these three numbers.
- Create a 'context' problem using these three numbers. [Perhaps impose a condition about the units to be used eg money, length, mass]
- [Reveal two of the three numbers that complete a number sentence]. Write/say a number sentence that helps us to work out the 'missing' number. **Convince me** that the missing number is ...
- **Give me an example of** ..... a pair of factors for the number 24 ..... and another ..... and another
- [Reveal 3-5 products]. Find a (possible) solution for each product? **Convince me** that there is more than one solution.
- How many products do I need to reveal to be able to work out all of the 'outside' values?

### SOUTH MATHRICA 2010 WORLD CUP



Find out more at

<http://www.youtube.com/watch?v=uidSgZSihFc>

Contact Glenda Ashmead to book a place

([glenda.ashmead@gloucestershire.gov.uk](mailto:glenda.ashmead@gloucestershire.gov.uk))

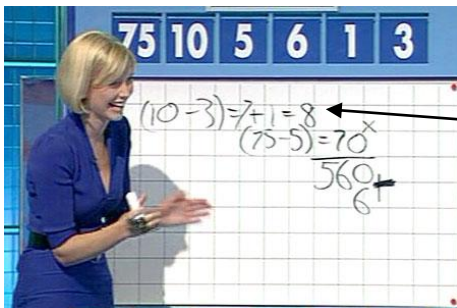
Find out more at the Hucclecote Centre (from 4.00 pm) on **Wednesday 9<sup>th</sup> June** or **Thursday 10<sup>th</sup> June**.

### Forthcoming CPD opportunities

- **Every Child Counts Conference** [Wednesday 14<sup>th</sup> July: 2 x ½ day events] – exploring the national intervention programme for pupils in Y2

*A flyer for the event and booking details are attached with this newsletter.*

### Misuse of Maths – 'The Equals sign' Special!



Wow! So, there we have it ...  
**(10 - 3) = 8 !!!!!!!**

### WebWatch

<http://www.ilovemathsgames.com/> - a selection of interactive puzzles, games and mathematics 'starters'

**SUBJECT LEADER NETWORK MEETINGS** [Tuesday 8<sup>th</sup> – Friday 11<sup>th</sup> June]

The themes that will be explored include:

- 'Press the *pause* button' – reflecting on national developments over the last few years
- Workshop sessions – an opportunity to gain a further understanding of areas raised by the Gloucestershire mathematics community

[contact Glenda Ashmead on 01452 427320 for booking details]

DELEGATES WHO CANCEL LESS THAN 2 DAYS BEFORE THE EVENT, OR FAIL TO ATTEND, WILL NOW INCUR A £35 CHARGE.

**APP UPDATE**

➤ Dates of APP network meetings:

Cohort 1 – Friday 25<sup>th</sup> June (Subject Leader day)

Cohort 2 – Monday 28<sup>th</sup> / Tuesday 29<sup>th</sup> June (Subject Leader day)

Cohort 3 – Thursday 1<sup>st</sup> / Friday 2<sup>nd</sup> July (Subject Leader day)

[Please contact Glenda Ashmead, on 01452 427320, for booking details]

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**'24 Game' Challenge**

Congratulations to all schools who took part in the *Gloucestershire 24 Challenge* heats during Term 5. Thanks to **Foxmoor Primary, Highnam Primary, Longlevens Junior and Swindon Village Primary** schools for kindly hosting the events.

The finalists are: **Chalford Hill Primary, Charlton Kings Junior, Christchurch C of E Primary, Foxmoor Primary, Grange Primary, Kemble Primary, Longlevens Junior, Staunton & Corse C of E Primary, Twyning Primary and Woodmancote Primary.**

The final will take place at The Hucclecote Centre on **Wednesday 7<sup>th</sup> July.**

**Updates**

**Securing Level 1 in mathematics** [DCSF Ref: 00041-2010BKT-EN]

The booklet focuses on six key areas of learning in mathematics that provide important steps in making progress to Level 1. Copies have been ordered and will be distributed at the June subject leader meetings.

**Steps to success in mathematics: Securing progress for all children** [DCSF Ref: 00098-2010DVD-EN]

A comprehensive collection of PNS mathematics-focused materials and resources (including *Overcoming barriers* materials and *Pitch & Expectations* documents). Copies will be distributed at the June meetings.

**Understanding progress: Engaging parents and pupils** [DCSF Ref: 00268-2010]

Developed by QCDA for the DCSF, the materials provide:

- understanding progress guides for parents/carers (for both Mathematics and English)
- video sequences showing strategies for engaging pupils and parents in discussions about progress

Note: The Local Authority **cannot** order these on behalf of schools.

**Mathematics Specialist Teacher Programme (MaST) – Cohort 2**

The MaST Programme is an exciting opportunity for teachers in Gloucestershire. It aims to extend teachers' knowledge, skills and understanding of mathematics and related pedagogy, and extend coaching and mentoring skills. The longer term vision is that this group of highly skilled teachers will help to support local partnerships and contribute to the aim of the Glosmaths Team that all learners enjoy and achieve in mathematics. Headteachers have received information about the programme. You may find the FAQs within the MaST section of the NCETM website useful (<http://www.ncetm.org.uk/resources/21133>).

The closing date for applications is **Tuesday 15<sup>th</sup> June.** Please contact Steve or Tim with any queries.

**NCETM** ([www.ncetm.org.uk](http://www.ncetm.org.uk))**Developing Mathematics in Primary Schools** report

This study describes the work that seven primary schools, and one lower school, are doing to develop the quality of learning and teaching of mathematics.

The report identifies 7 ways that headteachers and subject leaders are approaching the reality of creating effective and sustainable change in mathematics teaching and learning.

<https://www.ncetm.org.uk/resources/21289>

If you have any comments or anything to share for the next edition, please contact Steve Lomax ([steven.lomax@gloucestershire.gov.uk](mailto:steven.lomax@gloucestershire.gov.uk)) or Tim Foster ([tim.foster@gloucestershire.gov.uk](mailto:tim.foster@gloucestershire.gov.uk))

$$\sum_0^{\infty} \text{glosmaths} = \text{enjoy} + \text{achieve}$$