



BEYOND THE TEXTBOOK

July 2017

Happy holidays!

At the moment the weather has been very kind to us and hopefully it will continue through your summer break. Do have an enjoyable and restful time.

Teaching maths without words

This [TED video](#) would be ideal for your first CPD session of the new academic year getting the teaching staff to think of their approach to teaching maths. The statistics in the video show that visual maths is the winner!

If more teachers took heed of the message in the video the pupils will be more responsive and there will be a better understanding of mathematics. The more dice, counters, playing cards and manipulatives in the classroom the better!

This month's puzzle

Crossing the stream

Mr and Mrs Softleigh and their two sons and their dog had to cross a stream in a small boat which was capable of carrying 150 pounds (lb). But Mr Softleigh and his wife each weighed exactly 150lb and each of their two sons weighed 75lbs. And then there was a dog! How did they all succeed in getting across?

Ideal PDF booklet for the summer holidays

I have found this booklet with hundreds of ideas which the pupils can do with their families during the long summer break. It is also an informative source for teachers to apply everyday activities in their lessons.

Click [here](#) for the booklet.

Maths is Magic!

There are many exciting activities for pupils in Years 6 to 9 which they can tackle. I am sure it will increase their interest in mathematics. Activities come from Murderous Math, NRICH, The Math Lab and other prominent groups. Click [here](#) for the magic moment!

www.weareteachers.com is an amazing source of activities not only covering mathematics.

DCBEAGLE Challenges

Some of the challenges in the Christmas term are nearly full. Do register before going on your summer break.

Friday 15 September	Year 6 Maths	Wrekin College Shropshire
Thursday 21 September	Year 5 Maths	Christ Hospital, Horsham
Friday 22 September	Year 4 Maths	Davenies Beaconsfield
Tuesday 26 September	Year 6 Maths	Windlesham House Sussex
Thursday 28 September	Year 5 Maths	St Andrew's Eastbourne
Friday 29 September	Year 4 Maths	Crosfields, Reading
Wednesday 04 October	Year 6 Maths	Red Maids' High Bristol
Thursday 05 October	Year 4 Maths	King Edwards School Bath
Monday 09 October	Year 5 Maths	Ballard School, Bournemouth
Tuesday 10 October	Year 6 Maths	Dean Close, Cheltenham
Tuesday 31 October	Year 6 Maths	St Edward's School Oxford
Tuesday 07 November	Year 4 Maths	Summer Fields, Oxford
Friday 10 November	Year 4 Maths	St Edward's Cheltenham
Thursday 16 November	Year 6 Maths	Aldwickbury School
Tuesday 21 November	Year 5 Maths	Rupert House
Thursday 23 November	Year 6 Maths	Monkton Combe Bath
Friday 24 November	Year 5 Maths	St Edward's Cheltenham

Click [here](#) to see my full portfolio. Do remember these are free for participating schools and because of this they are very popular.

Puzzle solution

The two sons cross – one returns – Father crosses – other son returns – the two sons cross – one returns – Mother crosses – other son returns – the two sons cross – one returns to pick up the dog – eleven moves in all

Final words

Why did the 30-60-90 triangle marry the 45-45-90 triangle?

A: They were right for each other

Why didn't the number 4 get into the nightclub?

A: Because he is 2 square

Why did the obtuse angle go to the beach?

A: Because it was over 90 degrees

The next newsletter will be waiting for you when you return in September. Happy holidays!!