



## DCBEAGLE CHALLENGES

### BEYOND THE TEXTBOOK

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#### Let's visit museums

This is the time of year to encourage parents about activities their children can do during their long summer break which are meaningful and will stimulate their interest in maths.

#### Maths in Museums (National Museum Wales)

This 132 page document is a gold mine of mathematical activities which will enhance family trips to museums and many activities can add to your portfolio of puzzles. Click [here](#).

#### Maths Trail in the British Museum

Click [here](#). Like the above link it is not imperative one has to visit that particular location. The tasks created could be generic for most museums.

#### This month's puzzle – Cats and mice

A number of cats killed 1 111 111 mice, every cat being responsible for an equal number. As there were more mice killed by each cat than there were cats, it is interesting to discover just how many cats there were in all.

#### Game of the month – [Yohaku](#)

Yohaku is a new type of number puzzle that will test your number sense and problem solving skills. Each yohaku is either an additive or a multiplicative puzzle (as indicated by the symbol in the bottom right of the grid). Your task is to fill in the empty cells such that they give the sum or product shown in each row and column.

#### Website of the month – [Math In English](#)

This website has a vast array of activities including brain teasers, maths crosswords, sudoku-type puzzles, word problems, online games and it covers KS1 through to KS3. An ideal website to guide parents to their children's "holiday work" programme.

## DCBEAGLE Challenges

The programme of challenges for the Autumn Term is now available.. Please do register for the events sooner rather than later to avoid disappointment. There are two new locations in, one at Princethorpe College in Rugby and the other at Laxton Junior School in Peterborough.

Friday	13-Sep	Year 6 Maths	Wrekin College Shropshire	<a href="#">Booking</a>
Thursday	19-Sep	Year 5 Maths	Christ's Hospital, Horsham	<a href="#">Booking</a>
Friday	20-Sep	Year 4 Maths	Davenies Beaconsfield	<a href="#">Booking</a>
Tuesday	24-Sep	Year 6 Maths	Windlesham House Sussex	<a href="#">Booking</a>
Thursday	26-Sep	Year 5 Maths	St Andrew's Eastbourne	<a href="#">Booking</a>
Monday	30-Sep	Year 4 Maths	Crosfields, Reading	<a href="#">Booking</a>
Tuesday	01-Oct	Year 6 Maths	Red Maids' High, Bristol	<a href="#">Booking</a>
Thursday	03-Oct	Year 4 Maths	King Edward's, Bath	<a href="#">Booking</a>
<b>Monday</b>	<b>07-Oct</b>	<b>Year 5 Maths</b>	<b>Princethorpe College Rugby</b>	<a href="#">Booking</a>
Tuesday	08-Oct	Year 6 Maths	Dean Close, Cheltenham	<a href="#">Booking</a>
Tuesday	05-Nov	Year 4 Maths	Summer Fields, Oxford	<a href="#">Booking</a>
Thursday	07-Nov	Year 6 Maths	St Edward's School Oxford	<a href="#">Booking</a>
Friday	08-Nov	Year 4 Maths	St Edward's Cheltenham	<a href="#">Booking</a>
<b>Monday</b>	<b>11-Nov</b>	<b>Year 5 Maths</b>	<b>Laxton, Peterborough</b>	<a href="#">Booking</a>
Thursday	14-Nov	Year 6 Maths	Aldwickbury School	<a href="#">Booking</a>
Tuesday	19-Nov	Year 5 Maths	Rupert House	Private
Thursday	21-Nov	Year 6 Maths	Monkton Combe Bath	<a href="#">Booking</a>
Friday	22-Nov	Year 5 Maths	St Edward's Cheltenham	<a href="#">Booking</a>
Monday	02-Dec	Year 4 Spell It!	Wolverhampton Girls High	Private

### Puzzle of the month solution

230 cats each killed 4649 mice

### Final words

Enjoy the rest of the summer term and do take mathematics outside the classroom and into the playground.