

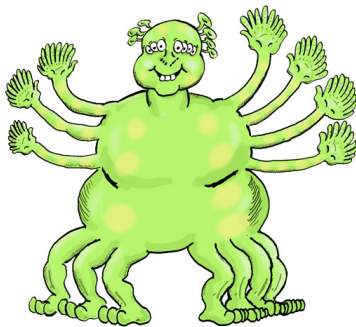
# Maths at Bransgore

## An Introduction to Big Maths at Bransgore

'Big Maths' is a totally new approach to the teaching of mathematics in primary schools. It follows the same broad ideas that have made 'Big Writing' so effective in raising standards in writing. 'Big Maths' begins with a model of numeracy development that provides a fresh way of looking at primary mathematics

**BIG MATHS...  
BEAT THAT!**

'Big Maths' is based upon the principle that there are 4 core skills that lie at the heart of numeracy. These core skills form the platform for virtually all other maths skills and are affectionately known as CLIC, Counting, Learn its, It's nothing new! and Calculations. Because it is so important for all children to make progress in all 4 core skills, 'Big Maths' involves teaching through the CLIC phases every day in a fun, engaging and lively manner.



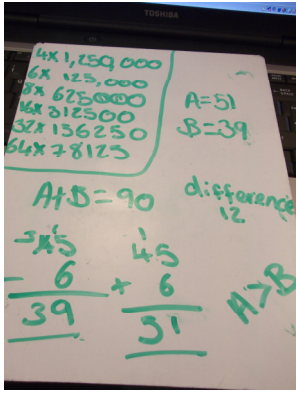
Say 'hello' to Pimm the green alien and his pet Squiggleworth!

Firstly, I would like to comment on the significant progress the children across the whole school have been making by using the Big Maths structure during class time. It really is an essential and fundamental teaching and learning tool. I can only liken it to the Read Write Inc program and the International Primary Curriculum. **Huge** thanks must go to the BSA for funding this superb resource.

Thank you to everybody who replied to the Questionnaire regarding the 'Maths Takeaway' Games. The results have now been collated and I will update you on this matter shortly after we return from the Christmas break.

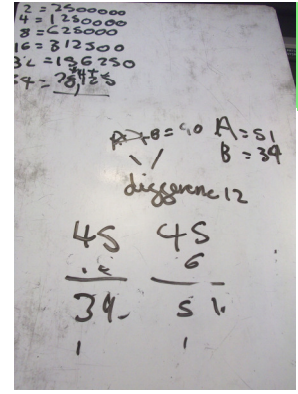
### Learning nuggets

So many whizzy children in Years 5 and 6 have been stretching their ability (and that of their teachers!) by completing complex mathematical problems including algebra. We have been working with the Head of Maths at Highcliffe to help us:



See the examples below:

In Years 3 and 4 it has been fantastic to see all of the multiplication table work that has been going on. We aim for all children to know their multiplication tables by Year 4. This is a great way for parents to help their child's learning. Children need to remember to see their teacher about the bronze, silver and gold sticker awards because they can earn many Well Done tickets that way and even visit Mr Pretlove when it's completed.



Years	Three	Four	Five	Six	Seven
0 x 0 = 0	0 x 1 = 0	0 x 2 = 0	0 x 3 = 0	0 x 4 = 0	0 x 5 = 0
1 x 0 = 0	1 x 1 = 1	1 x 2 = 2	1 x 3 = 3	1 x 4 = 4	1 x 5 = 5
2 x 0 = 0	2 x 1 = 2	2 x 2 = 4	2 x 3 = 6	2 x 4 = 8	2 x 5 = 10
3 x 0 = 0	3 x 1 = 3	3 x 2 = 6	3 x 3 = 9	3 x 4 = 12	3 x 5 = 15
4 x 0 = 0	4 x 1 = 4	4 x 2 = 8	4 x 3 = 12	4 x 4 = 16	4 x 5 = 20
5 x 0 = 0	5 x 1 = 5	5 x 2 = 10	5 x 3 = 15	5 x 4 = 20	5 x 5 = 25
6 x 0 = 0	6 x 1 = 6	6 x 2 = 12	6 x 3 = 18	6 x 4 = 24	6 x 5 = 30
7 x 0 = 0	7 x 1 = 7	7 x 2 = 14	7 x 3 = 21	7 x 4 = 28	7 x 5 = 35
8 x 0 = 0	8 x 1 = 8	8 x 2 = 16	8 x 3 = 24	8 x 4 = 32	8 x 5 = 40
9 x 0 = 0	9 x 1 = 9	9 x 2 = 18	9 x 3 = 27	9 x 4 = 36	9 x 5 = 45
10 x 0 = 0	10 x 1 = 10	10 x 2 = 20	10 x 3 = 30	10 x 4 = 40	10 x 5 = 50

Stars	Stars	Stars	Stars	Stars	Stars	Stars	Stars
★	★	★	★	★	★	★	★

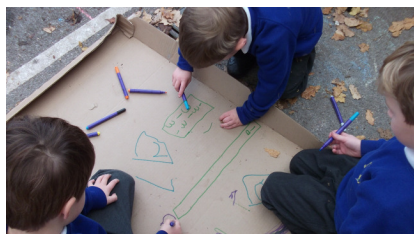
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10 x 0 = 0	10 x 1 = 10	10 x 2 = 20	10 x 3 = 30	10 x 4 = 40	10 x 5 = 50

Multiplication Tables Record Chart for Years 3 to 6

I don't want you to think that it's just been Planet Team stretching their 'Big Maths' brains. In Jungle team they have been flexing their muscles and recording how far they can throw a javelin, then measuring the results!



Finally, in Lions and Tigers they have been creating their own number games and creating patterns. A massive maths well done to everyone!



From Mr Compton,  
Maths Manager