

"I can't do maths."

Magic of Maths

"Maths is boring!"

"I'll never use this in real life."

"What's the point of maths?"

"I'll never need to know this!"

"Maths scares me!"

...are these some of the comments you hear after a Maths class?

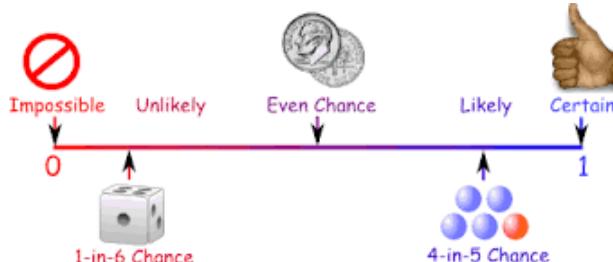
Would you like to change your childrens perception of maths from this:



...to this?!



Magic of Maths is an fun packed educational show that is all based around numbers. It goes into probability, chance and odds using such things as coins, cards and dice, but gets the students to work out the odds. For example flicking a coin and asking for heads or tails is $\frac{1}{2}$ but to do it three times in a row would be $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} = \frac{1}{8}$ for example. A number on a dice would be $\frac{1}{6}$ but rolling two of the same would be $\frac{1}{36}$ (roughly once a month if you did it once a day).



A card from a pack would be $\frac{1}{52}$. We end up getting to some quite astronomical numbers very quickly. Due to the fact that it's engaging, interactive and most importantly fun, the children go away not only having learnt a lot but also a much greater understanding of the subject – as well as changing their perception of the subject. By using these everyday objects and putting them in real situations, that they can see and use, it really brings the whole subject to life.

Before we go into each odd/chance/probability we have a number of interactive, trick Math Questions, which teaches them to a) read the question, and b) to look at things from a different angle and think

outside the box – something which can be used for life. We also cover other fun anomalies in Maths which includes making our own unique magic square, from a number which they chose, which is truly mind blowing and will really open their eyes.

| | | | |
|----|----|----|----|
| 16 | 2 | 3 | 13 |
| 5 | 11 | 10 | 8 |
| 9 | 7 | 6 | 12 |
| 4 | 14 | 15 | 1 |

Magic of Maths normally runs over a double lesson and has been given for year groups but also larger numbers by combining a few year groups together and sometimes even the whole school. It's interactive and engaging and something that will totally change perceptions.

We have had the **Magic of Maths** at Streatham Clapham School, on a number of occasions and the students really enjoyed the experience, as it was very different to the maths taught in the classroom.

The sessions were lively, interesting and challenging which the girls really enjoyed and there were lots of hands on activities which gave a real buzz to the girls.

The teachers also had a very positive experience, as they thought that the tasks stimulated the students to think a lot deeper into the subject and they also loved it, as it was full of fun activities, which made maths more enjoyable. S Aslam

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