Max’s Magnificent Square Numbers!

Master the Magic of Squares with Max the Maths Monkey!

- **A square number is the result of multiplying a whole number by itself. For example, 3 × 3 = 9.**
- **We write a squared number using a small '2' above the number, like this: $5^2 = 25$.**
- **The first square number is 1 (1 × 1), followed by 4 (2 × 2), 9 (3 × 3), and 16 (4 × 4).**
- **Square numbers are always positive because a negative number multiplied by a negative number also results in a positive product.**
- **You can visualise square numbers by arranging counters into a perfect square shape on your desk.**
- **Max’s Top Tip: Memorise your square numbers up to $12^2 = 144$ to help you solve complex maths problems much faster!**

Did you know? Did you know that the word 'square' comes from the shape itself? If you draw a square with a side length of 3 centimetres, you can fit exactly 9 small 1cm by 1cm squares inside it. That is why 9 is a square number!

Key vocabulary: Square number · Product · Integer · Exponent · Array · Squared