

## Congratulations!

A huge congratulations to the **34** children who successfully completed the **Doodle Maths Summer Challenge!** Your hard work, dedication and enthusiasm have really paid off. It's been wonderful to see so many of you continuing your learning, using Doodle to keep your maths skills sharp – even during the summer holidays! Keep up that brilliant attitude as every bit of practice counts, and we can't wait to see all the progress you'll make in your Maths lessons.



## Number and Place Value

Every Autumn, your child will start their Maths journey with the Number and Place Value topic. Place value is all about knowing what each digit in a number represents (ones, tens, hundreds, all the way to millions) and it's a key foundation for almost all other areas of maths.

- In **Reception**, children start by recognising, counting and comparing small numbers, getting familiar with counting reliably, matching numerals to quantities, and exploring simple representations of numbers.
- In **Years 1 and 2**, they build on that by working with two-digit numbers: partitioning into tens and ones, comparing and ordering numbers, reading and writing numerals and words, and starting to understand what “one more” or “one less” means.
- In **Years 3 and 4**, children move to larger numbers (hundreds, thousands), use number lines, partition numbers in more flexible ways, compare, order and estimate numbers up to at least 10,000, and find “10, 100 or 1,000 more or less” than a given number.
- In **Years 5 and 6**, place value includes understanding millions, reading, writing and comparing very large numbers, working with decimals (tenths, hundredths), negative numbers, rounding numbers to given degrees of accuracy, and solving problems that combine these ideas.

## Place Value Games at home!

**Riddles:** Give your child clues to a number you are thinking of and see if they can make the number (could use paper or post it notes). For example, “I have 4 tens and 4 ones. Who am I?” You can do this with any number, no matter how high!

**What's Missing?** Write down a number on slips of paper (appropriate for your child). Ask your child to read the number aloud. Then, ask them to close their eyes. Cover up/ remove a digit. When your child opens their eyes, ask ‘what's missing?’ They must tell you in place value language. So, if you wrote 589 and you covered up/ removed the 8, they would only see 5 \_9. Your child should then say either “80” or “8 tens.”

