

Year 1 Number and Place Value: A Step-by-Step Guide for Parents

This step-by-step explanation to year 1 number and place value can help you support your child's learning at home. The subject is broken down into manageable chunks, providing you with a simple guide to follow when learning about year 1 place value and number - either to support your child's homework or if you decide to give your child some extra support. In this guide, you will find a step that matches your child's level of understanding and then have suggested activities which can be used to support that step.

Within **this area of the website**, you will find a selection of resources intended to help your child learn about each step of this guide. Each step also contains a keyword or phrase that you can use to search the Twinkl site for more resources and activities designed to support your child in achieving that stage. Simply type the keyword or phrase into the search bar and press enter to explore together.

Click here

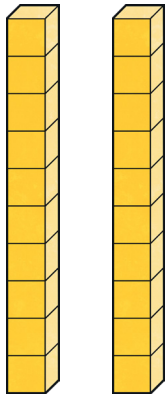
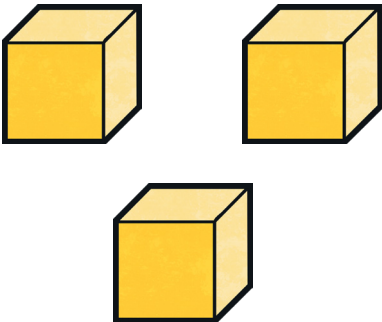


We hope you find the information on our website and resources useful. The contents of this resource are for general, informational purposes only. This guide is intended to offer parents general guidance on what subject areas tend to be covered in their child's year group and where they could support their children at home. However, please be aware that every child is different and information can quickly become out of date. There are some subject areas that we have intentionally not covered due to the nature of how they are taught or because a trained professional needs to teach these areas. We try to ensure that the information in our resources is correct but every school teaches the national curriculum in its own way. If you would like further guidance or are unsure in any way, we recommend that you speak to your child's teacher or another suitably qualified professional.

Place Value and Number

What Is Place Value and Number?

Place value is the value given to a digit in a number, based on the digit's position. For example, the 5 in 543 represents five hundreds or 500. Having a strong knowledge of place value is a vital skill in primary maths, which is why it is often taught as the first topic at the start of the year. In school, images and objects are often used to help children gain a deep understanding of place value – for example, using blocks of tens and ones.

Tens	Ones
	
2	3

The number blocks above show the number 23. Children can clearly see that it is made up of two blocks of ten and three individual cubes. The example above has been placed into a place value chart with the digits written below to show children how the number is represented in digits ('digits' is the term used in school to describe the individual numerals, 0-9, that make up a number). Real objects, arrow cards, place value charts, counters and many other pictures and objects are used in school to reinforce this concept.

What Are Children Taught about Place Value and Number in Year 1?

By the end of year 1, children are expected to be able to:

- Read and understand numbers (written in numerals not words) up to 100.
- Count from any number up to 100, both forwards and backwards.
- Identify one more and one less of any given number.
- Read and write the numbers 1-20 in numerals and words.

This guide will help you support the learning of year 1 number and place value at home. Each step contains an explanation to that stage and a link to an appropriate resource which can be used at home to support your child's learning.

As well as using the resources in this category and the keyword searches to help your child with number and place value, below are a few ideas for games and activities to help your child practise number and place value at home.

Count, Count and Count

This sounds so simple but, using any opportune moment, try to include counting in everyday activities with your child. It can be as simple as counting toys, buttons, sweets, etc. but this is a great way for your child to practise counting. You can count forwards and backwards or take it in turns to saying the next number in the sequence.

Counting Games

When out and about with your child, you can make up your own counting games to help them practise using numbers below 100. For example, you may decide you're both going to count a certain colour of car, such as red or blue, and see who spots the most on your journey. You can do this for different coats, doors and even cats and dogs!

Number Songs

Saying numbers to memorable jingles and tunes is a great way for your child to learn the numbers through fun repetition. Have a look online for suitable songs to use or try making your own number song up to the tune of a popular nursery rhyme or song that your child likes.

Snakes and Ladders

Snakes and ladders is a great way to help your child learn the numbers up to 100 and practise counting them aloud. Try this **Snakes and Ladders Board Game** at home for a fun way to practise maths.



Step 1

Count up to 20 and Understand the Place Value of Each Number

When learning to count, using concrete items is a great place to start. Try using different amounts of objects (up to 20) from around the house to practise counting forwards and backwards with your child. You could also write the number in numerals (e.g. 4) to help your child practise recognising how the number is written.

Try this **Ten-Frame Counting to 20 Matching Card Game** at home to help your child practise matching pictures of numbers to their numerals. Simply print the cards and, working with your child, get them to match the picture representation with the correct written number.

Count from Any Number up to 100

Counting to 100 is a key skill in year 1. At home, you can use board games, such as **Snakes and Ladders** (which is great for counting from any given number), and songs to help your child practise counting up to, and backwards from, 100. Once your child feels confident with numbers up to 100, try challenging your child by saying a random number from 1-100, such as 67, and asking them to continue counting from that number. You can also try this **Counting To and Across 100 From Any Given Number Worksheet** which can help support your child at home.

Step 2

Step 3

Read and Recognise Numbers up to 100

Being able to recognise any number up to 100 can really help your child with other areas in maths. At home, you can use this **Tens and Ones Worksheet** to help your child recognise numbers. Begin by helping your child to count the number of tens that are represented and then help them to count the ones. Write the digits in the boxes to help your child recognise and read the numbers.

Find One More and One Less of Any Given Number

Once your child has a good understanding of numbers up to 100, you can begin working on finding one more and one less. You can start by using a **100 Square** at home to help them see which number comes before a given number and which number comes next. Give your child a random number and get them to tell you the number that is one more and the number that is one less. You could discuss what happens when you add one more to a number with 9 ones, such as 29, and see if your child can spot a pattern with all the numbers that end in 9.

Step 4

Step 5

Write Numbers in Numerals and Words up to 20

In year 1, children are taught to read numbers up to 100 in numerals (using the 0-9 digits) and also read and write the numbers to 20 in words. At home, try this **Read and Write Numerals from 1 to 20 Game** to help your child learn how to write numbers in words. Show the words from the PowerPoint first to your child and see if you can sound out the word together. If you have 20 small toys on the table, you could ask your child to make the number with toys before showing the picture answer on the PowerPoint.

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Boost

Twinkl Boost is a range of intervention resources, created to support and lift learning with children at every level. These include our easy-to-use SATs and Phonics Screening resources.



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imagine

Imagine resources are designed to help your children to think creatively, question and imagine. Every week, a new topic consisting of five photos, each with related activities, is created.



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ORIGINALS

Twinkl Originals are engaging stories written to inspire pupils from EYFS to KS2. Designed to encourage a love of reading and help curriculum-wide learning through accompanying resources.



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KIDS' TV

Twinkl Kids' TV is our wonderful YouTube channel dedicated to fun and informative video-style resources full of new and creative activities you can try at home!