



Helping your child develop numeracy skills at home

Help can be simple, here are some ideas:

- Counting the numbers of steps up a staircase
- Counting money in a money box
- Developing the ability to look at objects and say how many there are without counting them
- Estimation and an understanding of the relationship between 'solid' objects and number
- Play games using a dice, ask your child to tell you the number of dots on the dice without counting them.



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- **Children can be resourceful when asked to create representations for numbers.**
For example, one nose, two hands, three bears, four wheels on a car, five toes, six sides on a die, seven dwarves, eight legs on an octopus, nine spaces for tic tac toe, ten fingers and so on.
- **None of us like making a mistake but deliberately making a mistake allows your child to understand that making mistakes is part of life.**
The important thing is to learn from the mistake and try not to repeat it.
Try deliberately making a counting mistake or say a number incorrectly to see if your child recognises the mistake and corrects you.



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- Just like hiding Easter eggs around the house and garden, do the same with numbers for children to find. Help them find the numbers by explaining they are ‘getting hot’ when close to, or ‘getting cold’ when they are far from finding the number.
- Play Maths games outside - such as hopscotch or skittles.
- Children can be amazingly creative, encourage them to make up their own game and decide how points can be scored to win.
- For those rainy days, read books with your child, here are some that include maths concepts:

The Very Hungry Caterpillar, One is a snail Ten is a crab, What’s the time Mr Wolf.



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- Asking 'How Many' questions such as:
 - How many ...*
 - How many more ...*
 - How many altogether ...*
 - How many would I have if ...*
 - How many are left if I take... etc.*
- Look for songs that have numbers in the lyrics.
 - For learning numbers 1—10 try “*This old man, he played one...*”
 - For something ‘rockier’ try “*1 2 3 o’clock rock*” this teaches both numbers and time.



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- There are countless examples of the language of mathematics all around the house that can be used to develop your child's knowledge.

Draw attention to concepts such as:

bigger / larger and smaller, wider and narrower, tall and short,
on top of and underneath, in front of and behind.

- *Numberblocks* shown on *Cbeebies* was written by maths specialists to model maths concepts and aid learning.



Enjoy the learning journey with your child.

**Repetition helps embed knowledge
so don't be afraid to repeat the same activity.**

If you have a great idea, please email us.

We are always looking for fresh, new ways to help our students learn.