

Becoming a Mathematician



I have a deeper understanding of numbers to 10 including the composition of number. I can recognise quantities without counting. I can recall number bonds up to 5 and then 10.

I can verbally count beyond 20, recognising the pattern of the counting system. I can compare quantities up to 10 and represent patterns within numbers such as doubles, odds, and evens. I can show how quantities can be distributed evenly



I am learning that numbers are made up of other numbers e.g. 10 is 5 and 5

I can compare numbers of items by identifying one more and one less

I have ideas and check how well activities are going

I can compare length, weight and capacity and use comparative language such as 'This is heavier than that'

I can continue, copy, and create repeating patterns. I can notice errors in a pattern



I can quickly recognise groups of up to 3 and then 5 objects, without counting them

I understand the last number counted is the total. I can match the correct numeral to the right amount in a set

I keep on trying when challenges occur

I can select and rotate shapes and I am learning that shapes can be combined to make new shapes

I can understand position through words alone. I can use words like 'in front of' and 'behind'



I count in everyday routines and play. I can say one number name for each item in order

I show an interest in counting by making sounds, pointing, or saying some numbers in order

I begin to compare amounts by saying 'more', 'lots' or 'same'

I get involved, concentrate, and pay attention to details

I like to explore 2D and 3D shapes and begin to use mathematical language to describe them

I notice and arrange things in patterns such as building towers

I use words and gestures to make simple comparisons of size e.g., bigger/smaller

I can match objects e.g. my socks and shoes and begin to sort objects into small groups. E.g., coloured bricks

I can join in with number rhymes and finger rhymes. I react to changes of amounts, e.g., two little dicky birds

I know that things exist even when out of sight

I am willing to have a go, take risks and try new experiences.

I like to play with stacking blocks and cups. I put objects inside others

I can climb and squeeze into different types of spaces

I enjoy completing puzzles such as inset and jigsaw puzzles

I need to be motivated to learn and have effective learning behaviours

I need to develop a sense of number and what numbers represent.

I need to develop spatial awareness, explore patterns, and understand that things can be measured

Development from Birth