

Number Shape, Space and Measure

Branch 8	Branch 9	Branch 10
Finds the total number of items in two groups by counting all of them	Counts to 10 accurately, matching numerals and beginning to count beyond 10	Estimates how many objects they can see and checks by counting them for up to 10 objects
Matches numeral and quantity correctly up to 5	Counts out up to six objects from a larger group	Can count to at least 20, forwards and backwards
Begins to represent numbers using fingers, marks on paper or pictures	Counts an irregular arrangement of up to ten objects	Can identify, read and write numbers up to 20
Knows that two groups of 3 or less objects are the same or different	Can add two groups by counting on from first group total	Knows the number that is one more or one less than a given number up to 20 - With visual support - Without visual support
Recognises numerals 1 - 5 - Printed - Digital - In environmental print	Can share up to ten items in practical situations	Understands the concepts of 'add', 'take away' and 'equals' up to 10
Uses positional language (e.g. in, out, on, off, over, under) - During play situations - During structured activities	Uses the language of 'more' and 'less' to compare two sets of objects	Counts in twos up to 20
Sustained interest in construction activities and talks about shapes or arrangements (short or tall)	Can count and order numbers, starting from a number other than 1	Shows an understanding of ordinal numbers (first, second, third) - During everyday activities - During structured activities
Organise and categorise non-identical objects, e.g. putting all the teddy bears together or teddies and cars in separate piles	Knows that number of objects remains the same when they are rearranged with nothing taken away	Can double and half up to 10 items in practical situations
Can name a particular 2D shape - After 2 or more choices - Spontaneously (no choices given)	Can describe their relative position such as 'behind' 'in front of' or 'next to'	Orders three items by weight or capacity
Recognises and uses the language 'full' and 'empty' - Liquids - Sand/grains - Objects (in containers)	Orders three or more items by length or height	Recognise and know the value of coins to 10p
	Uses familiar objects and common shapes to create, recreate and continue patterns and build objects	Solve simple problems relating to: addition and subtraction, doubling, halving, sharing, money (all to 10), and measurement using direct comparison
	Recognises and uses the language of 'heavy' and 'light' - During structured activities During everyday activities	Beginning to use mathematical names for 'solid' 3D shapes
	Can compare two volumes or weights	Tell the time to the nearest hour
	Begins to use every day language related to money – 'pay', 'change', 'cost', 'money' 'pennies' - During structured activities - During everyday activities	Recognise 'half' as one of two equal parts of an object
	Uses everyday language related to time (e.g. 'before', 'later', 'after', 'soon')	

Number Measurement Geometry

Branch 11	Branch 12
Count to 20, forwards and backwards, beginning with any given number	Count to and across 100, forwards and backwards, beginning from any given number
Can write Mathematical statements to record how they solve a Mathematical problem	Read and write numbers to 100 in numerals
+ - =	
Add and subtract two-digit numbers to 20	Count in multiples of 2s, 5s and 10s
Recognise, find and name a half as 1 of 2 equal parts of an object or shape	Use language 'equal to', 'more than', 'less than', 'most', 'least'
Solve one-step problems that involve division - Concrete objects - Pictorial representations	Represent and use number bonds and related subtraction facts within 20
Compare, describe and solve practical problems for: • lengths and heights • mass / weight	Solve one-step problems that involve multiplication
Measure and begin to record the following: • lengths and heights • mass/weight • capacity	- Concrete objects - Pictorial representation Recognise, find and name a quarter as 1 of 4 equal parts of an object, shape
Recognise and use language relating to dates, including days of the week, weeks, months and years	Compare, describe and solve practical problems for: • capacity and volume • time
Recognise and know the value of all coins (e.g. 10p = 10x1p) and use these in real world situations.	Measure and begin to record the following: • capacity and volume • time (hours, minutes)
Can describe turning movements using 'left' and 'right'	Recognise and know the value of different monetary notes
	Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times
	Can identify the 2D shapes on the surfaces of 3D shapes