Year 1 Mathematics Parent Booklet

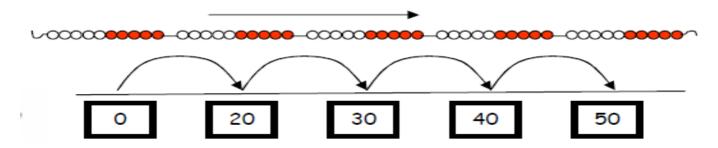


Supporting your child at home.

Counting

Counting with your child on a daily basis can dramatically support their understanding of the number system and place value. By the end of year 1, most children are expected to count in 2's, 3's, 5's and 10''s from any given number. E,g. count in 3's starting from 4– 4, 7, 10

Counting everyday whilst undertaking daily activities at home, can help develop your child's fluency of numbers and become familiarised with counting in different steps but not always starting at 0 or.



Shapes and measure

By the end of year 1, most children should be able to recognised 2D and 3D shapes. They will be able to recognise the properties of common 2D and 3D shapes. At home, using the correct language when talking about household objects or when going shopping can develop their language and understanding.

By the end of year 1, most will be able to recognise different ways of measuring length, mass and time. They will use language that compares different measures such as heavier, lighter, faster, slower.



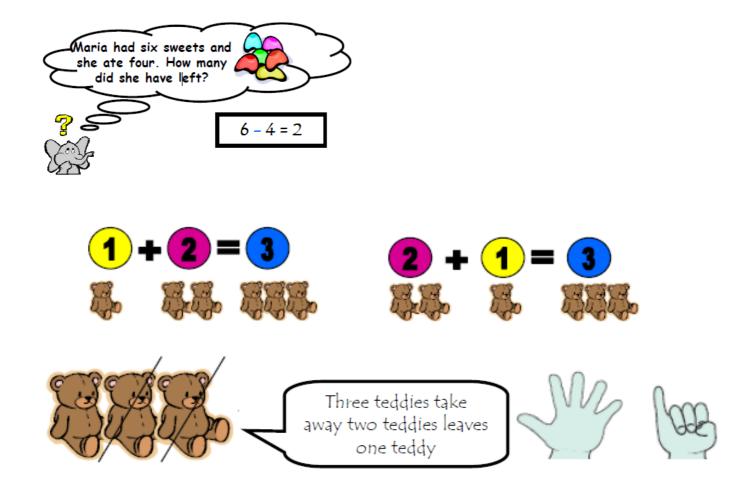
Addition and Subtraction

By the end of year 1, most children will be adding and subtracting numbers to 20, showing a secure knowledge of their number bonds.

Your child will be encouraged to explore different methods to adding and subtracting numbers, including simple addition and subtraction mentally (number bonds) and use objects and pictures to represent their work.

At home, practising the number bonds to 20 will significantly support your child, reinforcing the learning from school.

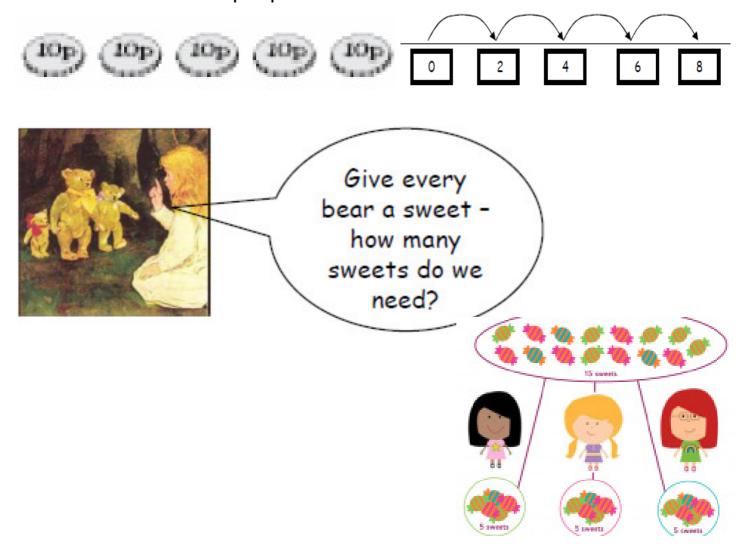
Each week, your child will be given a few 'Learn it' facts to learn and memorise at home. Saying these facts, chanting or even singing will encourage your child to memorise and recall the facts.



Multiplication and Division

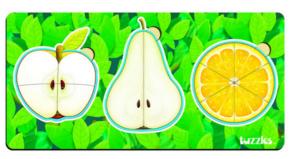
By the end of year 1, most children will be able to count in multiples of 10 and will begin to double numbers to 10 and 20 At home, counting in 10's will help your child practise the flow and rhythm of counting in 10's.

By the end of year 1, most children will be able to divide even numbers to 20 by multiples of 2 and begin to explore other numbers. The idea of 'sharing' will be introduced, with activities being based around the use of objects and pictures. At home, you can support your child by encouraging them to share food pieces or toys with yourself or other children. Encourage your child to count each object, sharing them equally between the amount of people.



Fractions

By the end of year 1, most children will be able to find half and quarter of shapes, half of objects or an amount. Children will be encouraged to link this learning with division and shape work. At home, asking children to show you half of objects or food, including cutting fruit or biscuits into half or quarters.





Problem solving

By the end of year 1, most children will be able to solve one step problems and puzzles. The problems will require children to use their knowledge of adding, subtracting or dividing to find the answer. Children will be able to use objects, pictures and number recording to present their answers.

At home, saying simple problems and encouraging your child to answer them or find a solution will develop their problem solving confidence and independence. Here are some examples of questions that could be posed:

'How many toes are there on two feet?

'Emma is two years older than Hamid. Hamid is 9. How old is Emma?'
'A toy box had 6 dinosaurs in it. Half of them were green. How many were not green?'

Key vocabulary

Multiplication and division and division and division Measure Geometry (position and direction) Odd, even Full, half full, empty Position Count in twos, threes, fives Holds Over, under, under, under, underneath, above, below, top bottom, side from/backwards Count in tens (forwards from/backwards from/backwards from) Weigh, weighs, balances on, in, outside, inside How many times? Scales non, in, outside, inside Lots of, groups of Time Front, back Once, twice, three times, five Tuesday, etc. Beside, next to, Opposite Multiple of, times, multiply, weekend multiply by Day, week, month, year, times, multiply, weekend Between, middle, edge, centre Repeated Birthday, holiday Corner Corner Corner	New maths vocabulary for year 1	ocabulary fo	or year 1					
bonds, one, threes, fives one, number line bonds, number line count in twos, holds tree to number line tree to plus, make, count in tens sum, total, from/backwards linverse from/ Double, near Half, halve counting, is the counting imes tresse, fives container Double, near from/ Double, near Half, halve counting, sign, counting, summer, or including imes treeses, from more to look, the between multiply by counting, summer, or including, weekend bonds, formerse from/ look, the between multiply by counting, afternoon, evening, summer, or including, summer, or including, weekend look, the between multiply by counting, afternoon, evening, summer, or including, summer, or including, weekend look, the between multiply by addition look, the between look, the between more to counting, afternoon, evening, comer	Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	General/problem solving
threes, fives and Add, more, plus, make, count in twos, and plus, make, count in tens sum, total, altogether from) Inverse Add, more, and addition Add, more, twice to plus, make, count in tens sum, total, altogether from) Inverse Add, more, to, the between more to addition Add, more, and addition Add, more, and addition Add, more, and add, more, twice, and addition Add, more, and add, more, twice, and addition Add, more, and add, more, twice, and three times, five add, more to add, more to add, more, and three times, more to add, more, and three times, more to add, more, and three times, tween add, more to addition Add, more, and threes, fives Container Container Container Add, more, and threes, fives Container Contai	Number	Number	Odd, even	Full, half full, empty	Position	Group, sort	Whole	Listen, join in
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altogether from/backwards sum, total, from/backwards altogether from/backwards have, from/backwards altogether from/backwards heavy, heavier, heaviest, house, near from/backwards heavy, heavier, heaviest, heavier, heaviest, heavier, heaviest, house, half, halve of double halve of double halve of half, halve least, same as three times, five equals sign) Multiple of, between multiply by Repeated how many Repeated house, heave, month, year, how many Repeated house, hou	two, three to		threes, fives		underneath, above,	pyramid,	parts, four	remember
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altogether from) Inverse from from, inghter, lighter, least, lighter,	beyond	plus, make, sum. total.	Count in tens (forwards	Weigh, weighs, balances	side	cylinder, circle, triangle, square	parts	Start from, start with, start at
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t, equals sign) lesser Difference times, multiply by How many Repeated more to more to addition (including times autumn, winter autumn, winter Apart Apart Apart Apart Apart Apart Between middle, edge, centre Birthday, holiday Corner Corner Corner	fewer, least,	same as	three times, five	Coseone: enring elimmer	Beside, next to,	:		Split, separate
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more to addition Morning, afternoon, evening,		How many	Repeated	Dillinay, Ilolinay	(collect, use, make,
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		make?, how		morning, archivon, evening,				