group National Curriculum Additional Strategies and Objective Objective Counting all-1:1 principle (1:1 correspondence) Counting all-1:1 principle (1:1 correspondence) Using quantities and objects, they add Counting all-1:1 principle (1:1 correspondence) Counting objects up to 10 then 20.	method
Objective Counting all- 1:1 principle (1:1 correspondence) ELG Using quantities and objects, they add	
ELG Counting all-1:1 principle (1:1 correspondence) Using quantities and objects, they add Counting all-1:1 principle (1:1 correspondence)	
Children count reliably with numbers from one to 20, place them in order and say which number. They solve problems, including dubling, halving and sharing. Count objects. Show me how to make number 5 etc., using different objects. Show objects with numbers and the pattern. Order consecutive numbers. Recognise numerals. Count from any number. Which numbers consecutive numbers of etc. Show while subtracting the object. Year R	

	Resources
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use of 5 frame to subitise	Objects Bead strings Numicon Number track Tens frames** later on in the year.
	Drawing Part whole model Number sentences





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at about 20?



Objects Bead strings Numicon Number track Tens frames** later on in the year. Tens frames Base 10** when ready 100 square ** when ready Rule of rocket

Counting on and counting back Part whole model Tens frame Number sentences Number line Bar model Jottings. Tens and ones chart

	 <u>Place Value</u> count in steps of 2, 3, and 5 from 0, and in tens from any number, forward or 	<u>Place Value</u> The position (place) of a digit in a number determines its value. Hence the term <i>place value</i> .	$\begin{array}{c} +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 \\ 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 \\ 12 +8 = 20 \\ \hline 12 +8 = 20 \\ \hline 33 con be partitioned in different wa 33 = 30 - 33 = 20 - \end{array}$
Year 2	 backward compare and order numbers from 0 up to 100; use <, > and = signs 		3 0 3 20 10 + 3
	• identify, represent and estimate numbers using different representations, including the number line	<u>Addition and subtraction</u> Understanding that addition of two or more numbers is commutative (can be done in any order) which is important to	
	 read and write numbers to at least 100 in numerals and in words <u>Addition and Subtraction</u> solve problems with addition and subtraction: 	support children's fluency. Children will understand that addition and subtraction are the inverse of each other and can be used to support their learning. When adding three or more numbers it is helpful to look for pairs of numbers they	In year 2 children will progress through these strategies':
	 using concrete objects and pictorial representations, including those involving numbers, quantities and measures applying their increasing knowledge of mental and written methods 	know to be related facts. For example, given 5 + 8 + 2 it is easier to add 8 + 2 first because they add to 10 rather than to begin with 5 + 8. When adding two numbers it can be more efficient to put the largest number first	Tens Ones Image: Imag
	 add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones a two-digit number and tens two two-digit numbers adding three one-digit numbers 	which also supports the children's understanding of addition being commutative. For example, given 3 + 8 it is easier to calculate 8 + 3.Children will understand that the value increases through addition and decreases through subtraction. Understanding the importance of the equals sign meaning 'equivalent to' (i.e. that 6 + 4 = 10, 10 = 6 + 4 and 5 + 5 = 6 +	Image: state of the state
	 show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot 	4 are all valid uses of the equals sign) is crucial for later work in algebra. Missing number problems can support the development of this key idea. Correct use of the equals sign should be reinforced at all times. Altering where the equals sign is placed develops fluency and flexibility. Understanding that addition and subtraction are the inverse if I know that 13 + 12 = 25 25 - 12 = 13	+10 $+10$



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