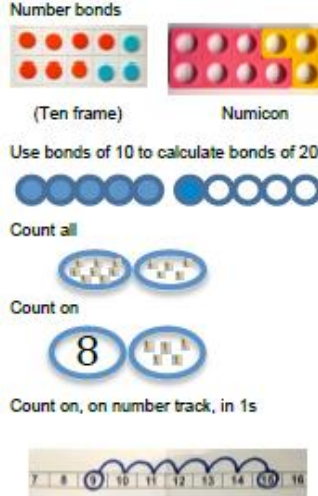
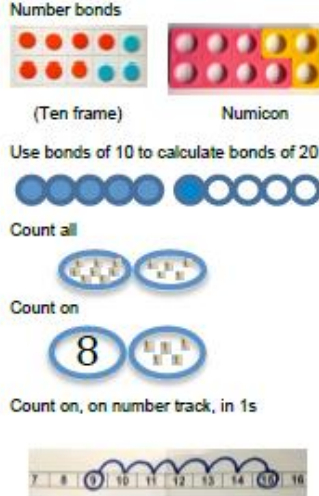
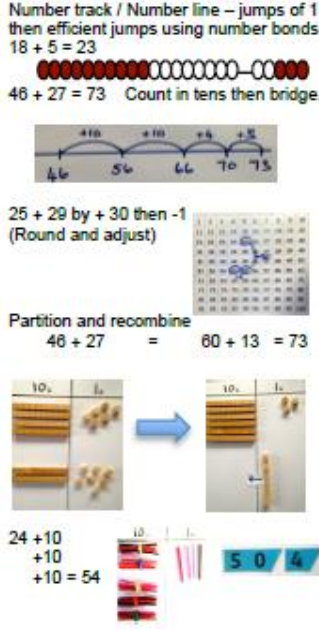
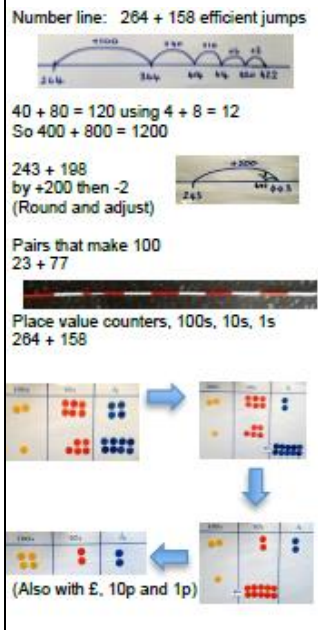


Year	Early Years	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
<b>National Curriculum End of Year Expectations</b>	1 more	1 more, 10 more	10 more Number bonds: 20, 12, 13	Add multiples of 10, 100	Add multiples of 10s, 100s, 1000s.	Add multiples of 10s, 100s, 1000s, tenths.	Add multiples of 10s, 100s, 1000s, tenths, hundredths.	
	Use quantities to add 2 single digit number	Number bonds: 5, 6	Number bonds: 14, 15 Add 1 digit to 2 digit by bridging.	Add single digit bridging through boundaries.	Fluency of 2 digit +2 digit.	Fluency of 2 digit + 2 digit including with decimals.	Fluency of 2 digit + 2 digit including with decimals.	
	Count on to find the answer	Largest number first. Number: 7, 8.	Partition second number, adds tens then ones.	Partition second number to add. Pairs of 100.	Partition second number to add. Pairs of 100.	Partition second number to add. Decimal pairs of 10 and 1.	Partition second number to add.	Partition second number to add.
	Recall number bonds to 5 (and some to 10)	Add 10. Number bonds: 9, 10	Add 10 and multiples. Number bonds: 16 and 17	Use near doubles to add.	Use near doubles to add.	Use number facts, bridging and place value	Use number facts, bridging and place value	Use number facts, bridging and place value
	Double facts to 10	Ten plus ones Doubles up to 10	Doubles up to 20 and multiples of 5. Add near multiples of 10.	Add near multiples of 10 and 100 by rounding and adjusting.	Adjust both numbers before adding. Add near multiples.	Adjust numbers to add.	Adjust numbers to add.	Adjust numbers to add.
	Solve simple addition problems	Use number bonds of 10 to derive bonds for 11	Number bonds: 18, 19 Partition and recombine	Partition and recombine.	Partition and recombine.	Partition and recombine.	Partition and recombine.	Partition and recombine.
<b>Written Methods</b>		Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs		Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction. $\begin{array}{r} 423 \\ + 88 \\ \hline 511 \end{array}$	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition where appropriate. $\begin{array}{r} 2458 \\ + 596 \\ \hline 3054 \end{array}$	Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction). $\begin{array}{r} 23454 \\ + 596 \\ \hline 24050 \end{array}$	Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.	
<b>Developing Conceptual Understanding</b>								
<b>With jottings .....in your head</b>	Mark making	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$	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	Add and subtract numbers mentally, including: - a three-digit number and ones - a three-digit number and tens - a three-digit number and hundreds	Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.	Add and subtract numbers mentally with increasingly large numbers.	Perform mental calculations, including with mixed operations and large numbers.	
<b>Just know it!</b>	Counting on and back Number bonds to 5 (some number bonds to 10) Subitise up to 5 Verbally count beyond 20.	Represent & use number bonds and related subtraction facts within 20. Add and subtract one-digit and two digit numbers to 20, including zero.	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.					