Number	Assessment Point	Example
1	Count forwards and backwards using rhymes and stories.	"Five sizzling sausages sizzling in a pan."
2	Count on and back in ones from any given number.	10, 9, 8, 7, 6
3	Begin to relate subtraction to taking away and addition to getting bigger.	3 teddies take away 2 teddies leaves 1 teddy.
4	Find 1 less and 1 more than a number up to 20.	and is is in the second
5	Use a structures number line to add and take away.	
6	Begin to use the + - and = signs to record mental calculations. Solve one step problems.	Maria had 6 sweets. She ate 4. How many does she have left? 6-4=2
6.1	Use inverse strategies applying + - and =. Addition can be in any order, subtraction can not be reversed.	8+2=10 so 10-2=8 and 10-8=2
7	Recall and use bonds to 20 confidently.	1+19=20 2+18=20 3+17=20 etc.
7.2	Add 3 one digit numbers.	1+5+2=8 Using objects or a structured number line
7.3	Double any number up to 20.	
8	Add and subtract 1d and 2d numbers up to 20.	17+3=20 11+9=20 20-15=5 etc.

Calculation Policy- Addition and Subtraction

9	Begin to partition to add and take away.	53
10	Add and subtract a 1 digit number from a 2 digit number often bridging 10.	-2 -5
		8 10 15
10.1	Apply bonds to 20 knowledge to bonds to 100.	8+2=10 so 80+20=100
11	Add and subtract 10 from a 2 digit number	45-10=35 -10 35 45
12	Add and subtract multiples of 10 from a 2 digit number.	25+20=45 +10 +10 25 35 45
12.1	Estimate answers to addition and subtraction problems using 2 digits.	19+12=31 Round 19 to 20 and round 12 to 10: 20+10=30
12.2	Find the difference between two 2- digit numbers by using a number line to count on to the highest number.	Find the difference between 23 and 55. +10 +10 +10 +2 23 33 43 53 55 =32.
14	Use and empty number line to add and subtract 2 digit numbers.	47+27=74 +20 +3 +4 47 67 70 74
14.1	Use the expanded column method by partitioning for addition and subtraction.	124 + 52 = $100 + 20 + 4$ $50 + 2$ $100 + 70 + 6 = 176$

14.2	Solve addition and subtraction problems using the column method involving 2 digit numbers and	$168 - 43 =$ $100 \ 60 \ 8$ $40 \ 3$ $100 \ 20 \ 5 = 125$ Addition: 23 $+15$ Subtraction: 80
15	Check answers using inverse	- <u>12</u> 14-11=3
	strategies.	so 3+11=14
15.1	Estimate answers to addition and subtraction problems using 3 digits and decimals.	213+214=427 so 200+200=400
16	Apply the column method using carrying and borrowing to complex problems involving 2 and 3 digit numbers and decimals.	Children must have a strong understanding of place value to complete this stage. Addition Column method 5 6 7 1 9 9 7 6 6 Subtraction 342 -37 5
17	Apply the column method using carrying and borrowing to complex problems involving 4 digits and decimals. Solve two step problems.	Column method using thousand numbers. "Tom goes to a shop and he buys a pencil case for £3.50 and a pack of pencils for £1.99. How much change
17.1	Estimate answers to addition and subtraction problems using 4 digits.	584-201=383 so 600-200=400

18	Apply the column method using	Column method using any
	carrying and borrowing to numbers	number.
	over 4 digits and decimals.	
18.1	Estimate answers to any addition	5413+2147=3266
	and subtraction problems.	SO
		5000-2000=3000
19	Solve addition and subtraction multi	
	step problems deciding which	
	operation to use and why.	