

## <u>ST Pauls Intant School</u>

## Addition



	Written Methods	Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs		
	Developing conceptual understanding	Number bonds (Ten frame) Numicon Use bonds of 10 to calculate bonds of 20 Count all Count all Count on 8 Count on, on number track, in 1s	Number track / Number line – jumps of 1 then efficient jumps using number bonds 18 + 5 = 23 46 + 27 = 73 Count in tens then bridge. 46 + 27 = 73 Count in tens then bridge. 25 + 29 by + 30 then -1 (Round and adjust) Partition and recombine 48 + 27 = 80 + 13 = 73 10 + 10 10 + 10 = 54 10 + 10 = 54	
	With jottings or in your head	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = 0 – 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	<b>*</b>
	Just know it!	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	
	Year	1	2	
V	Foundations	1 more Number bonds: 5, 6 Largest number first. Number bonds: 7, 8 Add 10. Number bonds: 9, 10 Ten plus ones. Doubles up to 10	10 more Number bonds: 20, 12, 13 Number bonds: 14, 15 Add 1 digit to 2 digit by bridging. Partition second number, add tens then ones Add 10 and multiples. Number bonds: 16 and 17 Doubles up to 20 and multiples of 5 Add near multiples of 10.	
		Use number bonds of 10 to derive bonds of 11	Number bonds: 18, 19 Partition and recombine	



## Subtraction



Written themshamedial latemental subtraction (-) and quala (-) aigna Number tends (-) Author line - jurns of 1 and in the state - 1 and integrate subtraction (-) and author line - jurns of 1 and in the state - 1 and integrate and integrate an	5	2			,
With jottings head Solve one-step problems that involve addition and aubtraction state and problems such as $7 = -9$ Add and subtract number using our state and problems such as $7 = -9$ With jottings head Solve one-step problems that involve addition and aubtraction state and problems such as $7 = -9$ Add and subtract number and one the two two light numbers in the subtraction inclusion and subtraction state within and a subtraction state within and a subtraction state within and a subtraction state within and a subtraction state within and and subtract on entry in the subtraction is a fully involve and escillar and subtraction state within and a subtraction state within and and subtract on entry involves in the subtraction is and subtract on entry involves and the subtraction is and the subtraction is and involve addition and aubtract numbers and the subtraction is and subtract numbers and the add and subtract numbers and the subtraction is and subtract numbers and the subtraction is and subtract numbers and the subtraction is and mentally. including: add and subtract numbers and the subtraction is and subtract numbers and the subtraction is a subtraction is	4		mathematical statements involving addition (+), subtraction (-) and		r.
Developing conceptual understanding Count out, then count how many are left. 7-4 - 3 up, 68 + - 73 </th <th></th> <th></th> <th>(Ten frame) Difference between 7 and 10</th> <th>then efficient jumps using number bonds 23 – 5 = 18 000000000000000000000000000000000000</th> <th></th>			(Ten frame) Difference between 7 and 10	then efficient jumps using number bonds 23 – 5 = 18 000000000000000000000000000000000000	
With jottings Solve one-step problems that involve addition and subtraction, unimber index, and multiples of 10 Add and subtract number addition and subtraction, unimber and sign of research to 20 fluently, and related subtraction facts within 20 Add and subtract on subtraction and subtraction, unimper unimber and tens Add and subtract on a divide subtraction and subtraction and related subtraction facts within 20 Now test a way the forty way and tens   Just know it! Represent and use number bonds and related subtraction facts within 20 Recall and use related facts up to 100 Recall and use related facts up to 100   Vear 1 1 1 1 1 1   Mumber bonds, subtraction 5, 8 1 Number bonds, subtraction 10, 10 1 1   Mumber bonds, subtraction 5, 8 1 1 1 1 1   Mumber bonds, subtraction 5, 8 1 1 1 1 1 1 1   Number bonds, subtraction 5, 8 1 1 1 1 1 1 1 1 1   Mumber bonds, subtraction 5, 8 1 1 1	2 <b></b> .	conceptual		up, 58 + _ = 73	
13 and 8 14 and 14 10 and 14 a		understanding	number line. 15 - 6 - 9 7 8 0 10 11 12 13 14 09 16		Â
With jottings involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = -9$ concrete objects, pictorial representations, and mentally, including:   or in your head number problems such as $7 = -9$ * a two-digit number and ones   Just know it! Represent and 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 related facts up to 100   Vith Year 1 2   Iss Number bonds, subtraction: 5, 8 Number bonds, subtraction: 20, 12, 13   Number bonds, subtraction: 5, 8 Subtract 10 Number bonds, subtraction: 14, 15   Subtract 10. Subtract 10. Subtract 10 Subtract 10   Number bonds, subtraction: 9, 10 Number bonds, subtraction: 18, 17 Subtract 10.   Difference botteen 0 Subtract 10. Subtract 10.			13 and 8 13 - 8 - 8 + _ = 13	Now take eway the farty and aix'	_
Just know it!   Represent and 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     Year   1   2     Number bonds, subtraction: 5, 6   Number bonds, subtraction: 20, 12, 13     Number bonds, subtraction: 5, 6   Number bonds, subtraction: 14, 15     Subtract 1 digit from 2 digit by bridging     Count back   Partition second number, count back in 10s then 1s     Subtract 10.   Subtract 10 and multiples of 10     Number bonds, subtraction: 9, 10   Subtract near multiples of 10     Difference between   Difference between		or in your	involve addition and subtraction, using concrete objects and pictorial representations, and missing	concrete objects, pictorial representations, and mentally, including: * a two-digit number and ones * a two-digit number and tens * two two-digit numbers	Ŵ
Image: Number bonds   10 less     Number bonds, subtraction: 20, 12, 13   Number bonds, subtraction: 20, 12, 13     Number bonds, subtraction: 5, 6   Number bonds, subtraction: 14, 15     Subtract 1 digit from 2 digit by bridging   Count back     Count back   Partition second number, count back in     Number bonds, subtraction: 7, 8   10s then 1s     Subtract 10.   Subtract 10 and multiples of 10     Number bonds, subtraction: 9, 10   Number bonds, subtraction: 16, 17     Teans subtract 10.   Subtract near multiples of 10     Difference between   Difference between			and related subtraction facts within 20 Add and subtract one-digit and two-	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100	
Itess   Number bonds, subtraction: 20, 12, 13     Number bonds, subtraction: 5, 6   Number bonds, subtraction: 14, 15     Subtract 1 digit from 2 digit by bridging   Count back     Number bonds, subtraction: 7, 8   Partition second number, count back in     Number bonds, subtract 10.   Subtract 10 and multiples of 10     Number bonds, subtract 10.   Subtract near multiples of 10     Difference between   Difference between		Year	1	—	
Foundations   Number bonds, subtraction: 9, 10   Number bonds, subtraction: 16, 17     Teans subtract 10.   Subtract near multiples of 10     Difference between   Difference between	<b>V</b>		Number bonds, subtraction: 5, 6 Count back	Number bonds, subtraction: 20, 12, 13 Number bonds, subtraction: 14, 15 Subtract 1 digit from 2 digit by bridging Partition second number, count back in	-
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