



St John Fisher RC Primary School

Year 3 Maths Knowledge Organiser

Autumn Block 2 – Number: Addition & Subtraction (1)

Adding and subtracting 1s, 10s and 100s

400 + 500 = 900 	Four hundreds and five hundreds is nine hundred.	Part Part Whole 	Part Part Whole <table border="1"><tr><td colspan="2">900</td></tr><tr><td>400</td><td>500</td></tr></table>	900		400	500	I can understand Inverse 400 + 500 = 900 500 + 400 = 900 900 - 400 = 500 900 - 500 = 400	Column Addition 400 + 500 900
900									
400	500								

3 digit and 1 digit numbers

Not crossing 10s

$$268 - 4 = 264$$

Hundred	Ten	Ones
		

$$343 + 6 = 349$$



A number line starting at 340 and ending at 350, with major tick marks every 10 units and minor tick marks every 1 unit. A blue curved arrow starts at the 3rd tick mark after 340 (representing 343) and points to the 9th tick mark after 340 (representing 349).

Crossing 10s (Exchanging)

324		
300	20	4
300	10	14



$$316 + 8 = 324$$

316	8
	

$$324 - 8 = 316$$

3-digit and 2-digit numbers

Add and subtract tens

Hundred	Ten	Ones
		

$$451 + 3 \text{ tens} = 481 \quad (5 + 3 = 8)$$

$$451 - 4 \text{ tens} = 411 \quad (5 - 4 = 1)$$

Add and Subtract 100s

$$264 + 300 = 564$$

Hundred	Ten	Ones
		
		

Key Vocabulary

Add	To put together 2 or more numbers to calculate a total.
Total	A whole amount.
Sum	The total amount resulting from adding 2 or more numbers together.
Column Addition	A written method of addition using place value columns.
Difference	The quantity by which 2 amounts are different.
Subtract	To take away an amount from another.
Column Subtraction	A written method of subtraction using place value columns.
Estimate	To roughly calculate an answer to a calculation.
Inverse	Something that is the opposite (e.g. addition is the opposite of subtraction).

Assessment

I can add 1s, 10s and 100s

I can subtract 1s, 10s and 100s