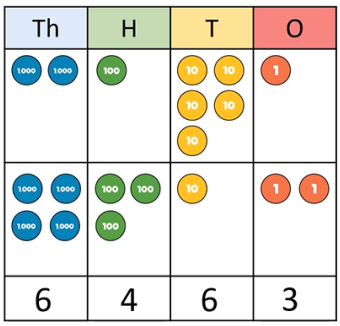
St John Fisher RC Primary School
Year 4 Maths Knowledge Organiser
Autumn Block 2 – Addition and Subtraction (1)

Objectives	Teacher
• Add two 4-digit numbers – no exchange	
• Add two 4-digit numbers – one exchange	
• Add two 4-digit numbers – more than one exchange	

Column Addition

2,151 + 4,312 = 6,463



	2	1	5	1
+	4	3	1	2
	6	4	6	3

3,635 + 4,571 = 8,206

I have 6 ones, so I do not need to make an exchange.

I have 10 tens, so I do need to make an exchange.

I have 12 hundreds, so I do need to make an exchange.

I have 8 thousands, so I do not need to make an exchange.

	3	6	3	5
+	4	5	7	1
	8	2	0	6
	1	1		

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 numbers with up to 4 digits using the formal method of columnar addition

I can add numbers with up to 4 digits using the formal method of columnar addition