



St John Fisher RC Primary School

Year 5 Maths Knowledge Organiser

Autumn Term One - Block 1 – Number: Place Value (2)

Objectives	Teacher
I can read, write and represent numbers up to 1,000,000 and say the value of each digit.	
I can understand the powers of 10.	

Place Value

Write the number represented in numerals.

125, 034

Thousands			Ones		
H	T	O	H	T	O
●	● ●	● ● ● ● ●		● ● ●	● ● ● ●

Write the number represented in words.

One hundred and twenty-five thousand and thirty-four.

1) Represent the number 513 on the chart.

HTh	TTh	Th	H	T	O
			● ● ● ● ●	●	● ● ● ●

2) Represent the number 5,130 on the chart.

HTh	TTh	Th	H	T	O
		● ● ● ● ●	●	● ● ● ●	

3) Represent the number 51,300 on the chart.

HTh	TTh	Th	H	T	O
	● ● ● ● ●	●	● ● ● ●		

4) What do you notice? Same number of counters

Key Vocabulary

Digit	A digit is a symbol of a single number. It can be 0, 1, 2, 3, 4, 5, 6, 7, 8 or 9.
Ones	1's - A digit multiplied by 1.
Tens	10's – A digit multiplied by 10.
Hundreds	100's – a digit multiplied by 100.
Thousands	1,000's – a digit multiplied by 1,000.
Ten Thousands	10,000's – a digit multiplied by 10,000.
Hundred Thousands	100,000's – a digit multiplied by 100,000.
Place Value	The value of a digit depending on its place in a number.
Rounding	Adjusting a number to a given group to make it easier to calculate with.

Assessment

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