



St John Fisher RC Primary School

Year Two Maths Knowledge Organiser

Autumn Term One – Number: Place Value – Week 1

Learning Intentions		Self-Assessment	Teacher																																																		
I can recognise, and read and write numbers from 1 to 20 in numerals and words.		☹️☹️☹️																																																			
I can count in 5's, and 10's.		☹️☹️☹️																																																			
I can count objects to 100 by making groups of 10.		☹️☹️☹️																																																			
I can recognise 10's and 1's		☹️☹️☹️																																																			
I can read and write numbers to 20		I can count in 2's, 3's. 5's and 10's																																																			
1. one 2. two 3. three 4. four 5. five 6. six 7. seven 8. eight 9. nine 10. ten	11. eleven 12. twelve 13. thirteen 14. fourteen 15. fifteen 16. sixteen 17. seventeen 18. eighteen 19. nineteen 20. twenty	Counting in 2s <table><tr><td>0</td><td>2</td><td>4</td><td>6</td><td>8</td><td>10</td><td>12</td><td>14</td><td>16</td><td>18</td><td>20</td></tr></table> Counting in 3s <table><tr><td>0</td><td>3</td><td>6</td><td>9</td><td>12</td><td>15</td><td>18</td><td>21</td><td>24</td><td>27</td><td>30</td></tr></table> Counting in 5s <table><tr><td>0</td><td>5</td><td>10</td><td>15</td><td>20</td><td>25</td><td>30</td><td>35</td><td>40</td><td>45</td><td>50</td></tr></table> Counting in 10s <table><tr><td>0</td><td>10</td><td>20</td><td>30</td><td>40</td><td>50</td><td>60</td><td>70</td><td>80</td><td>90</td><td>100</td></tr></table> I can recognise 10's and 1's 26 <table><tr><td>twenty</td><td>six</td></tr><tr><td></td><td></td></tr><tr><td>20</td><td>6</td></tr></table> 32		0	2	4	6	8	10	12	14	16	18	20	0	3	6	9	12	15	18	21	24	27	30	0	5	10	15	20	25	30	35	40	45	50	0	10	20	30	40	50	60	70	80	90	100	twenty	six			20	6
0	2	4	6	8	10	12	14	16	18	20																																											
0	3	6	9	12	15	18	21	24	27	30																																											
0	5	10	15	20	25	30	35	40	45	50																																											
0	10	20	30	40	50	60	70	80	90	100																																											
twenty	six																																																				
20	6																																																				
I can count objects to 100 making tens																																																					
49 4 tens and 9 ones																																																					
Key Vocabulary																																																					
groups	There are 3 groups of 10																																																				
multiples	I can count in multiples of 10																																																				
Base 10	I can use these Base 10 resources to help me count numbers to 100	26																																																			
Rekenrek	I can use a Rekenrek to help me recognise and count numbers	14																																																			
Assessment																																																					
Write the numbers 3, 8 and 12 in words	 How many altogether?____	Fill in the missing numbers 10, __30, __, 50, __	How many tens?____ How many ones?____ 																																																		



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Autumn Term One – Number: Place Value – Week 2

Learning Intentions

Learning Intentions	Self-Assessment	Teacher
I can use a place value chart to partition numbers to 100 into 10's and 1's	☹ ☹ ☹	
I can count in 5's, and 10's.	☹ ☹ ☹	
I can partition numbers to 100 in expanded form	☹ ☹ ☹	
I can read and write numbers to 100 in words	☹ ☹ ☹	

I can read and write numbers to 100	I can count in 2's, 3's, 5's and 10's	I can use a place value chart
21. <i>twenty one</i> 22. <i>twenty two</i> 23. <i>twenty three</i> 24. <i>twenty four</i> 25. <i>twenty five</i> 26. <i>twenty six</i> 27. <i>twenty seven</i> 28. <i>twenty eight</i> 29. <i>twenty nine</i>	30. <i>thirty</i> 40. <i>forty</i> 50. <i>fifty</i> 60. <i>sixty</i> 70. <i>seventy</i> 80. <i>eighty</i> 90. <i>ninety</i> 100. <i>one hundred</i>	Counting in 2s 0 2 4 6 8 10 12 14 16 18 20 Counting in 3s 0 3 6 9 12 15 18 21 24 27 30 Counting in 5s 0 5 10 15 20 25 30 35 40 45 50 Counting in 10s 0 10 20 30 40 50 60 70 80 90 100 The number is 24 There are 2 tens and 4 ones The number is 72

I can partition numbers to 100

14	fourteen	one ten four ones				
29	twenty-nine	two tens nine ones				

I can partition numbers to 100 in expanded form

	There are 4 tens and 1 one. $40 + 1 = 41$ $41 = 40 + 1$ Also, $41 = 30 + 11$ and $41 = 10 + 31$
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Key Vocabulary

<i>partition</i>	I can <i>partition</i> numbers to 100 into 10's and 1's on a place value chart
<i>digit</i>	The number 28 has two digits - 2 and 8 The number 4 has one digit - 4
<i>Place Value</i>	The value of the digit depending on its position.

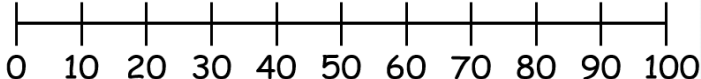
Assessment

Complete the part-whole model 	Fill in the missing numbers 5, 10, ____, 20, ____, 30, ____, ____	Complete the place value chart How many altogether? ____
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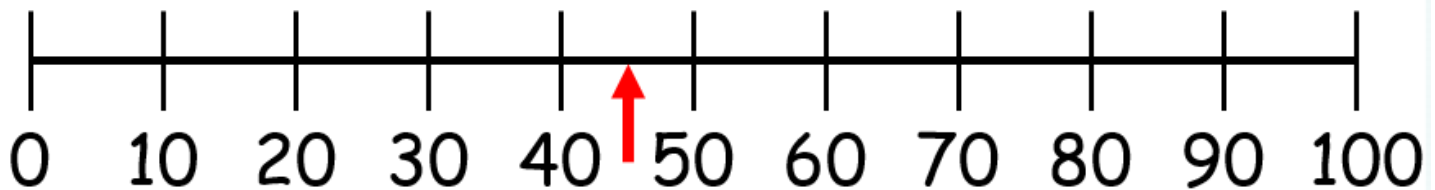


St John Fisher RC Primary School
Year Two Maths Knowledge Organiser
Autumn Term One – Number: Place Value – Week 3

Learning Intentions	Self-Assessment	Teacher
I can complete the number line in intervals of 1	☹️ 😐 😊	
I can complete the number line in intervals of 10	☹️ 😐 😊	
I can estimate numbers on a number line	☹️ 😐 😊	
I can count in 2's, 5's, and 10's.	☹️ 😐 😊	

I can complete a number line in intervals of 1	I can complete a number line in intervals of 10
 The start point is <u>0</u> and the end point is <u>10</u> There are <u>10</u> intervals on the number line. Each interval is worth <u>1</u> The number line is counting up in <u>1</u>s.	 The start point is <u>0</u> and the end point is <u>100</u> There are <u>10</u> intervals on the number line. Each interval is worth <u>10</u> The number line is counting up in <u>10</u>s.

I can estimate numbers on a number line

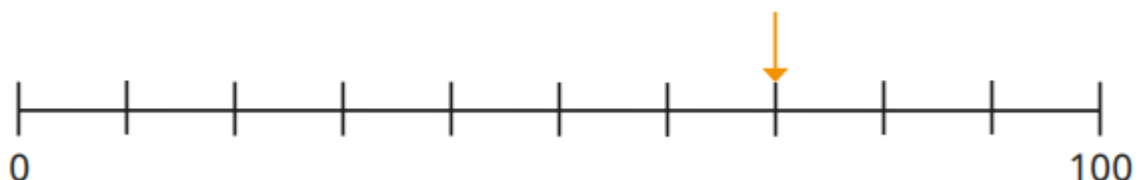


I can estimate where the number 45 is on this number line.

Key Vocabulary	
estimate	I can estimate where a particular number is on a number line.
intervals	I can say if the number line is in intervals of 1 or 10

Assessment

What numbers are the arrows pointing to?





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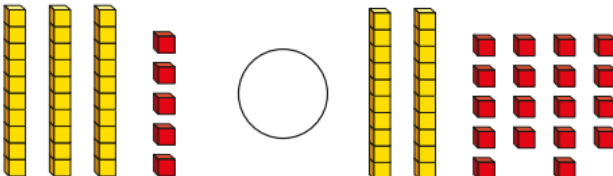
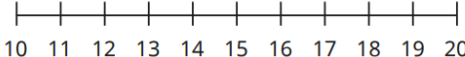
Autumn Term One– Number: Place Value – Week 4

Learning Intentions	Self-Assessment	Teacher
I can compare objects	☹️ 😐 😊	
I can compare numbers	☹️ 😐 😊	
I can order objects and numbers	☹️ 😐 😊	
I can count in 2's, 5's, and 10's.	☹️ 😐 😊	

I can compare objects	I can compare numbers
  	31 is less than 34 86 is less than 94 31 is greater than 21 96 is greater than 87 9 tens is greater than 9 ones 23 ones is equal to 2 tens and 3 ones

I can order objects and numbers
I can write these numbers in order, starting with the smallest number 31 42 29 36 9 9 29 31 36 42

Key Vocabulary	
compare	to compare is to think about numbers in relation to another using equal to = greater than > or less than <
order	to arrange numbers in a sequence smallest to largest or largest to smallest
greater than >	one number is greater or has more value than another 30 > 12
less than <	one number is less or has less value than another 12 < 30

Assessment	
Complete the number sentence by choosing the correct symbol 	 Write the missing phrase. ☐ less than ☐ greater than ☐ equal to 19 is _____ 13



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Autumn Term One– Number: Place Value – Week 5

Learning Intentions

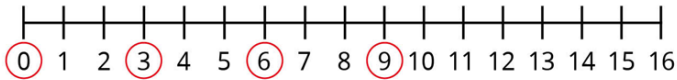
I can count up in 3's

Self-Assessment

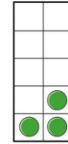


Teacher

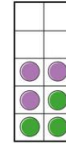
I can count up in 3's



The circled numbers count
up in jumps of 3



3



6



9



12

Key Vocabulary

multiples

a 'multiple' is a number which is in
another number's times table, for example
30 is a multiple of 3

Here are some multiples of 3
3, 6, 9, 12, 15, 18, 21, 24, 27 and
30

Assessment

Complete the number tracks.

0	3			12			21		
---	---	--	--	----	--	--	----	--	--

30	27	24							
----	----	----	--	--	--	--	--	--	--

					18	21			
--	--	--	--	--	----	----	--	--	--

Jo has 12 stickers.



She collects 3 more stickers each day.

How many stickers will she have in 8 days?