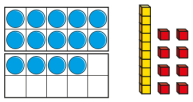
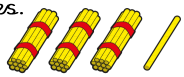
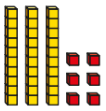
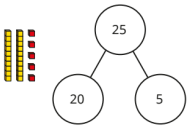
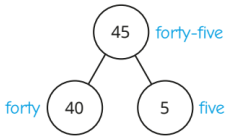
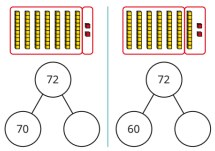
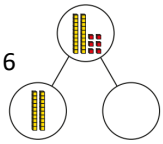
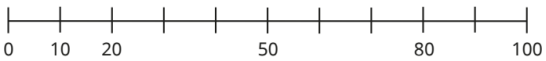
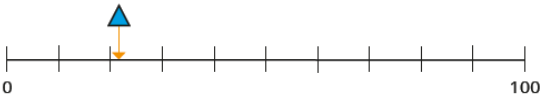
Step	Year 2 Autumn Term Block 1 – Place Value		
	L.I.	**Vocabulary / Questions / Stem Sentences**	
1	**Numbers to 20** L.I. To read and write numbers from 1 to 20 in numerals and words (Y1)	How many are there? How do you write ____ in words? How do you write ____ in numerals?	There is 1 ten and ____ ones. The number is ____ The number after ___ is ___ The number before ___ is ____ 
2	**Numbers to 100** L.I. to count objects to 100 by making 10s	How did you count them? How many are in each group? How many extra are there? How many are there in total?	There are ____ groups of 10 and _____ more ___ is made up of __ tens and ___ ones. 
3	L.I. To recognise tens and ones 	What does each piece represent? Where can you see the ten? Do you need to count each one individually? How many are there in each box?	There are ___ groups of 10 and ____ more. There are ___ in ____ total.
4	L.I. To use a place value chart Tens: 2 | Ones: 4	How does the place value chart show the number? What does the digit __ represent? What do you do if there are no ones?	There are ___ tens and ___ ones. The number is ____. ___ is made up of ___ tens and ____ones. T: 7 | O: 2
5	L.I. To partition numbers to 100  25 → 20, 5	What is the number? What is the whole? What are the parts? Does it matter which way round you draw the parts?	There are ___ tens and ____ ones. The number is ____. ____ is a part and ___ is a part. The whole is ___.
6	L.I. To write numbers to 100 in words  45 (forty-five) → forty 40, five 5	How many tens are there? How do you write that in words? How many ones are there? How do you write that in words? How do you write in words? How do you write in numerals?	There are ____ tens. In words, this is _____ There are ____ ones. In words, this is_____ In words ____ is _____.
7	L.I. To flexibly partition numbers to 100  72 → 70; 72 → 60	How many straws are there in each bundle? If you unbundle one lot of 10, how many tens are there now? How many ones? How else can you partition the number?	There are _____ tens and _____ones. The number is _____ _____ can be partitioned into _____ and _____.
8	Write numbers to 100 in expanded 26 = 20 + 6 	How many tens are there in ___? How many ones are there in ___? How do you write that as a number sentence? What number is equal to _____ ?	_____ is equal to _____ plus _____. 68 = 6 tens + _____ ones 68 = 60 + _____
9	**Number lines** T.I. To recognise and place 10s on the number line to 100	What is the value at the start point? What is the value at the end point? How many intervals are there? What is the number line counting up in? How do you know? Where would be on the number line? How do you know? What number is the arrow pointing to? How do you know?	The start point is _____ and the end point is _____ There are _____ intervals on the number line. Each interval is worth _____ The number line is counting up in _____s.  0 10 20 50 80 100
10	L.I. To recognise and place 10s and 1s on the number line to 100	What is the number line counting up in? How do you know? Where would be on the number line? How do you know? What number is the arrow pointing to? How do you know?	Each interval is worth _____ The number line is counting up in _____s.  0 100

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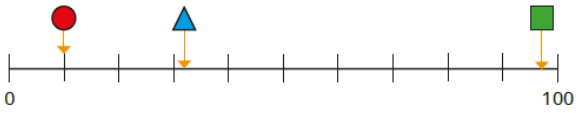
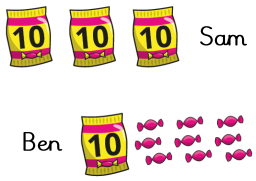
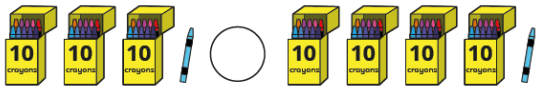
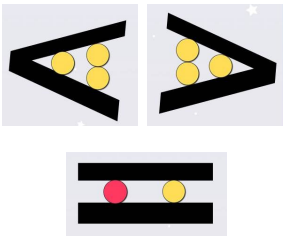
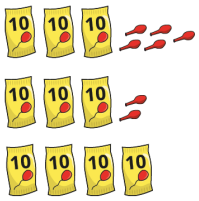
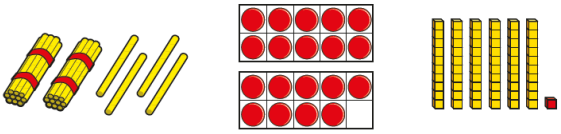
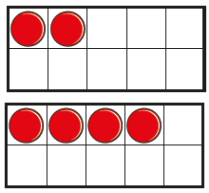
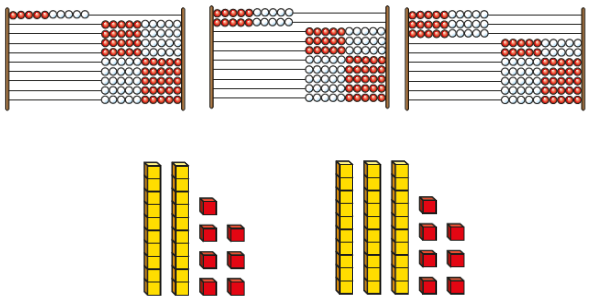
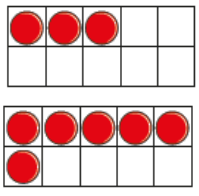
11	Number lines L.I. To estimate numbers on a number line	What number is halfway between ____ and ____ ? Which multiple of 10 is__ closer to? Why can you only estimate the position of on the number line?	____ is closer to ____ than to ____. 
12	Compare and Order L.I. To compare objects 	How can you arrange the objects to make them easy to compare? How did you count the objects? Do groups of 10 help you to compare? Why? Which shows more? How do you know?	There are ____ objects in set A than in set B. Tom has ___ objects. Kim has___ objects. Tom has____ objects than Kim. Kim has ____objects than Tom. 
13	L.I. To compare numbers 	Can you show your answers by drawing a picture? Is there more than one answer? How does a number line help you to compare numbers? Do you need to work out the number sentences to decide which is greater/smaller?	___ is greater ___ than because ... ___ is less than ___ because ... less than greater than equal to
14	L.I. To order objects and numbers 	How does the number line help you order the numbers? How does base 10 show that your order is correct? How do you know which picture shows the smallest/greatest number? Did you look at the tens or ones to help you order?	___ is greater than ___ because ... ___ is less than ___ because ... 
15	Skip Counting L.I. To count in 2s, 5s and 10s 	How many do you need to count on each time? How do you know? When counting forwards / backwards, do the numbers get greater or smaller? Do you notice any patterns? What happens to the ones digit when counting in 10s? What do you notice about the numbers when you are counting in 5s? What do you notice about the numbers when you are counting in 2s?	When counting forwards/backwards in 2s/5s/10s, the number after ___ is ____. 
16	L.I. to count in 3s 	What do you notice about the numbers when you are Counting in 3s? What is different about counting in 3s and counting in 2s, 5s and 10s? How many jumps do you need to draw on the number line each time? How do you know?	When counting forwards/backwards in 3s, the number after ___ is ____.
	End of block assessment		