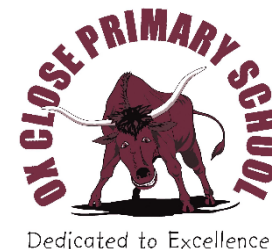# Maths Planning and Ideas

Week Commencing: 15th June 2020

Year Group: 1

	Monday	Tuesday	Wednesday	Thursday	Friday
Area of Learning	LC: Can you compare numbers?	LC: Can you order numbers?	LC: Can you find one more and one less?	LC: Can you find the next number in a sequence?	Friday Challenge
Activity	**Starter:** Play "Find a number…" Using the hundred square on Monday resources, take turns saying "find a number with… " 3 tens, 5 ones etc. To make the game trickier, you could ask to find an even number with 6 tens or find a number with the same amount of tens and ones etc. Circle the numbers when they've been found and those numbers cannot then be used again. **Main:** Now that children have become familiar with comparing numbers using language more than, less than and equal to, they also begin to use inequality symbols. < less than > more than = equal to Children can use these to demonstrate their understanding of the value of digits in a 2 digit number and use the symbols to complete statements: Eg 45 ____ 87 would be	**Starter:** https://www.topmarks.co.uk/learning-to-count/place-value-basketball **Main:** Children order sets of objects and numbers from smallest to largest and largest to smallest. They will the language: Most Bigger Biggest Larger Largest Smaller Smallest least Look at a set of 3 numbers – eg 15, 97, 56 Which number is largest? Which is smallest? Order them largest to smallest / smallest to largest.	**Starter:** https://uk.ixl.com/math/year-1/addition-sentences-sums-up-to-10 **Main:** Children find one more and one less than numbers up to 100. Choose a 2 digit number from those provided in the resources. Find it on the hundred square (from Monday resources) .What is the number? What is one more than the number? What is one less? This can be tricky when starting with numbers that are a multiple of 10 or have one in the ones column because of their position on the hundred square. Eg finding one less that 31 or one more that 60 on a hundred square requires knowledge of the position of the other numbers on the hundred square.	**Starter:** https://www.topmarks.co.uk/maths-games/mental-maths-train **Main:** Choose a number from the hundred square (Monday resources) and say it out loud. What number comes next if you're counting forwards? What about backwards? **Key Questions:** Which way are you counting? Will the number get bigger or smaller? **Independent Work:**	**Five Steps to 50** This challenge is about counting on and back in steps of 1, 10 and 100. Roll a dice twice to establish your starting number - the first roll will give you the tens digit and the second roll will give you the units digit. You can then make five jumps to get as close to 50 as possible. You can jump forwards or backwards in jumps of 1 or 10 or 100. Compare your strategy with a friend. Did you jump forwards or backwards? Can you land on 50 exactly?

45 < 87 because 45 is less than 87. This is a helpful little song that some children will be familiar with from school to help with understanding. https://www.youtube.com/watch?v=M6Efzu2slaI Practice choosing 2 numbers from the hundred square and deciding which symbol would fit between them. **Key Questions:** Which number is the biggest / smallest? How do you know? Which number should you look at first? Is there more than one number that could complete the statement? **Independent Work:** Please use Monday's resources sheet to have a go at comparing numbers using language and inequality symbols.	**Key Questions:** How are we ordering the numbers / objects? Which is the biggest / has the most? Which is the smallest / has the least? Which number comes next? How do you know? **Independent Work:** Have a go at ordering the numbers and solving the problems on the Tuesday resources sheet.	If children are finding this tricky, you could show them by making the numbers with small objects, keeping it within 30 to begin with. **Key Questions:** Do we need to add more or take some away? How many tens were there? How many tens are there now? How many ones were there? How many ones are there now? What happens when I find one more than a number with 9 ones? **Independent Work:** Practise making 2 digit numbers and taking away one and adding one to find one less and one more. Then choose numbers on a hundred square and write down one more and one less. On Wednesday resources there are some examples to have a go at.	Have a look at the domino challenge on Thursday resources. Can you draw the next two dominoes in the sequence? Can you create some of your own sequences?	How far from 50 were you? Could you do it another way? Could you get even closer? Which numbers can get you to 50? Which can't? Roll the dice again and have another go! For example: I roll a dice and get a 2 then a 3, so my starting number is 23. I make the following jumps to get as close to 50 as possible: Starting number is 23 Jump one is +10 to get me to 33 Jump two is +10 to get me to 43 Jump three is +10 to get me to 53 Jump four is -1 to get me to 52 Jump five is -1 to get me to 51

Where can I complete further work?

Twinkl – Subscription service used by schools is offering a free premium service for teachers, parents and children to use whilst schools are closed. Enter the code **UKTWINKLHELPS** for access to worksheets, powerpoints and interactive games to support all areas of learning.

Classroom Secrets – Free Maths, Reading and Grammar home learning packs and interactive resources for all ages.

White Rose Maths – Free Maths home learning resources for all ages. Watch the videos and try the questions.

Primary Stars – Free Maths home learning packs for Year 1 and 2.

BBC Bitesize Primary – Free learning resources available for KS1 and KS2 across all subjects.

I See Maths – Free daily home maths lessons hosted by Gareth Metcalfe. Follow the link for videos, information and resources.

Top Marks – Free educational resources and games for English and Maths.

ICT Games – Free educational resources and games for English and Maths.

Monday Resources

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Compare the amounts using <, > or =

Tens	Ones
● ● ● ● ● ●	●

◯

Tens	Ones
● ● ● ● ● ●	● ● ● ● ● ●

Tens	Ones
	● ● ● ● ● ●

◯

Tens	Ones
● ●	

Tens	Ones
● ● ● ●	● ● ● ●

◯

Tens	Ones
5	1

Complete the statements:

70 < ☐   ☐ > 70   ☐ < 70

☐ < 1   0 < ☐   ☐ < 100

Complete the stem sentences and statements.

62 is _____ than 55 but _____ than 70

☐ < ☐ < ☐   ☐ > ☐ > ☐

___ is greater than _____ but less than _____

How many different ways can you complete the place value charts to make the statement correct?

Tens	Ones
5	

<

Tens	Ones
	3

a) What numbers are shown?

Three hens lay these eggs.

Hen 1	Hen 2	Hen 3
10 eggs, 10 eggs, 10 eggs	10 eggs, 9 eggs	10 eggs, 10 eggs, 10 eggs, 10 eggs, 10 eggs, 3 eggs
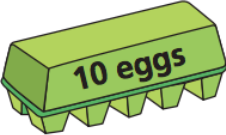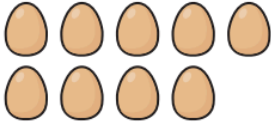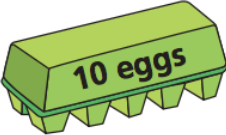
Put the number of eggs in order.
Start with the greatest number.
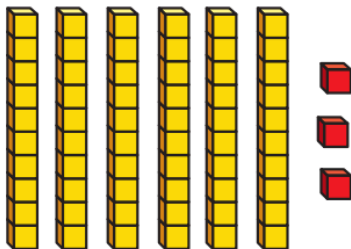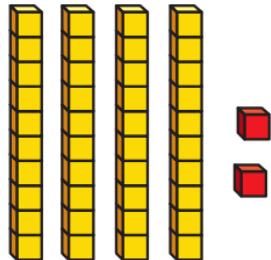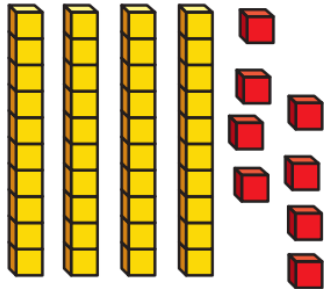
b) Write the numbers in order.
  Start with the smallest.

Put the numbers in order.
Start with the smallest number.

a)   53, 58, 47

b)   19, 83, 7

Which numbers are between 80 and 100?

72   95   11   85   9

Mo creates a traffic jam using some toy cars on the carpet.
The red car is 3rd from the front.
It is also the 2nd from the back.

Use some cars or manipulatives to find out how many cars are in the traffic jam.

Using the hundred square, find these numbers. What is the number? What is one more? What is one less?
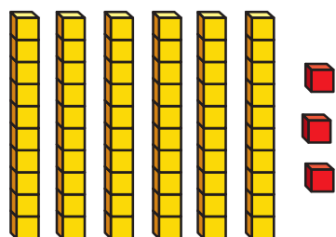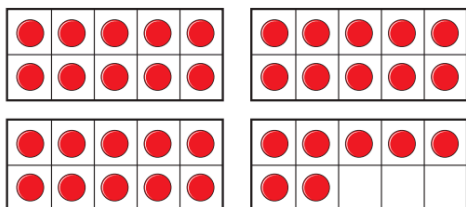
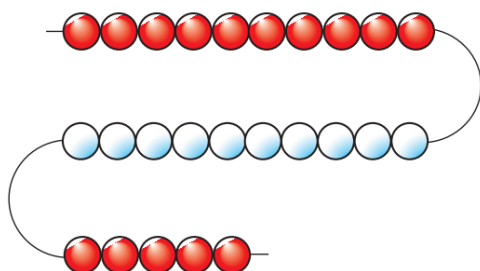48 73 59 9 31 99 11

What is one more than each number?

a)

b)

c)

Complete the sentences.

a) One less than 39 is

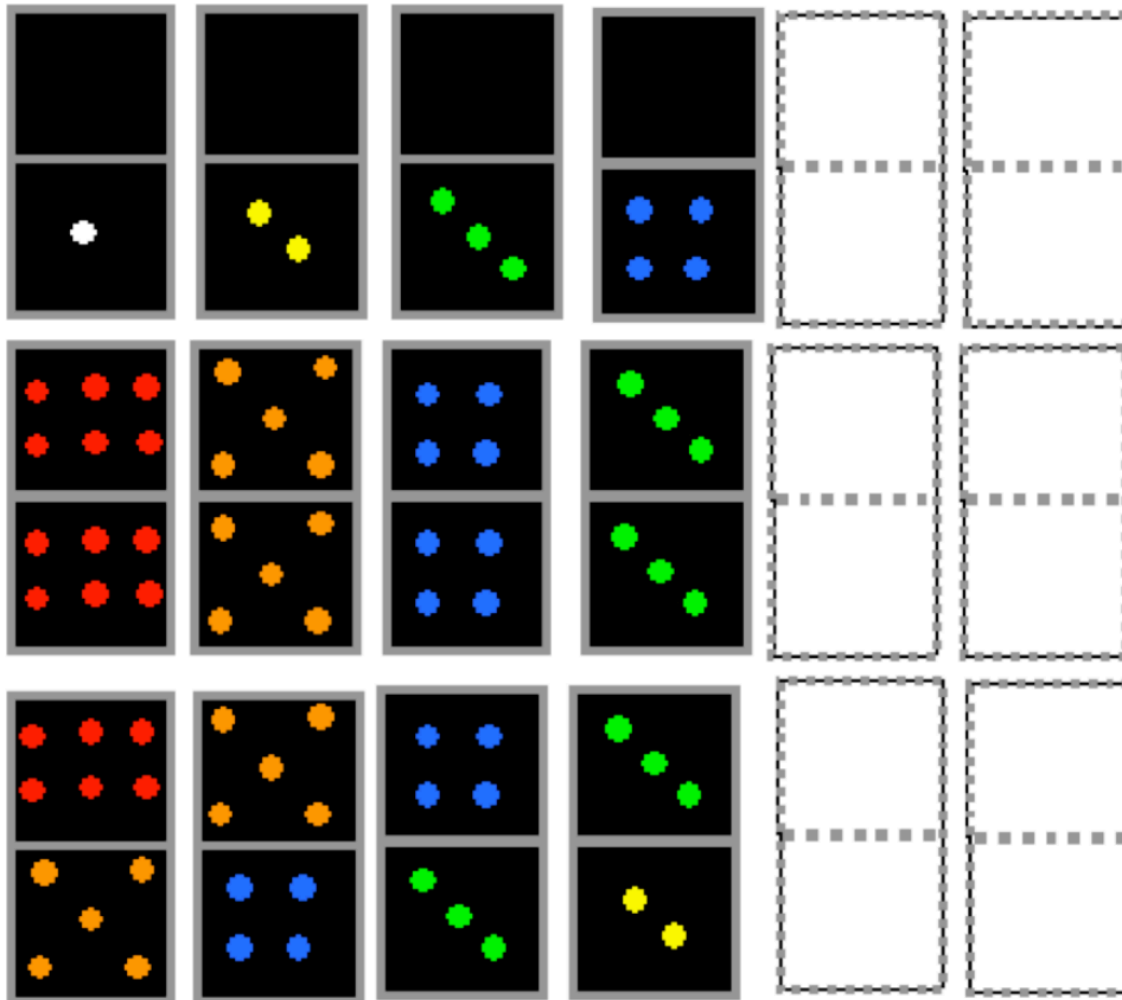b) One more than 39 is

c) One more than   is 39

d) One less than   is 39

What is the next domino in each sequence?

Can you create some of your own sequences. You could use dominoes or draw some of your own.

Five Steps to 50

This challenge is about counting on and back in steps of 1, 10 and 100.

Roll a dice twice to establish your starting number - the first roll will give you the tens digit and the second roll will give you the units digit.
You can then make five jumps to get as close to 50 as possible.
You can jump forwards or backwards in jumps of 1 or 10 or 100.

Compare your strategy with a friend.
Did you jump forwards or backwards?
Can you land on 50 exactly?
How far from 50 were you?
Could you do it another way?
Could you get even closer?
Which numbers can get you to 50?
Which can't?

Roll the dice again and have another go!

For example:
I roll a dice and get a 2 then a 3, so my starting number is 23.
I make the following jumps to get as close to 50 as possible:
Starting number is 23
Jump one is +10 to get me to 33
Jump two is +10 to get me to 43
Jump three is +10 to get me to 53
Jump four is -1 to get me to 52
Jump five is -1 to get me to 51