



# Maths, Year 1, Summer 1

This term I will be learning and practising

I can count to and across 100, forwards and backwards and from any given number. I can count on and back in two, five and ten.

I can read and write numbers from 10 to 20 in numerals and words.

I can, given a number, identify one more and one less.

I can identify and represent numbers using objects and pictorial representations, including the number line.

I can represent and use number bonds and related subtraction facts within 20.

I can add and subtract one-digit and two-digit numbers, including zero.

I can read, write and interpret mathematical statements involving addition, subtraction and equals signs.

I can solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems.

Unit 12:  
Numbers  
50 to 100  
and Beyond

Unit 13:  
Addition  
and  
Subtraction  
within 100

## 10 times table

$$1 \times 10 = 10$$

$$2 \times 10 = 20$$

$$3 \times 10 = 30$$

$$4 \times 10 = 40$$

$$5 \times 10 = 50$$

$$6 \times 10 = 60$$

$$7 \times 10 = 70$$

$$8 \times 10 = 80$$

$$9 \times 10 = 90$$

$$10 \times 10 = 100$$

$$11 \times 10 = 110$$

$$12 \times 10 = 120$$

## My Number Word Mat - 0 to 20

0 zero	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	count	counting	numbers

71 is seven groups of ten and one one.

71

This number line shows seven jumps of ten and one small jump. That's 71.



This part-whole model also shows 71. This part is 70 and this part is one. Together, 70 and one make 71.

number bond    groups of ten    multi-  
tens    ones    part-whole model

part-whole

## One more and one less/fewer

52 is five tens and two ones. One less than 52 is 51.

I have counted 52 beads. One fewer than 52 beads is 51 beads.



one more    one less    one fewer  
ten more    ten less    ten fewer

more

fewer

## 100 Number Square

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

## STAR Words

tens	Second digit from the right showing how many groups of 10.
ones	Rightmost digit in a number representing single objects.
group of ten	Ten things that are put together as one set.
dienes	Small place-value blocks used for counting.
hundred	It is the same as 100 ones or 10 tens.
place value	A system for writing numbers, in which the value of a digit is defined by its position within the number.
number bond	A pair of numbers with a given total.
multiple of ten	A number you get when you count in tens.
part-whole model	The whole is the big circle, and the part are smaller circles.
one more	The number that follows a given number in the sequence.
one less	The number that comes before a number in the sequence.
represent	To express or show a mathematical concept using words, numerals and symbols, pictures, diagrams, or concrete manipulatives.
greater than	A number that is bigger than another number.
less than	A number that is smaller than another number.
ten more	Add ten to a number to find ten more.
ten less	Take away ten from a number to find ten less.
increasing	Becoming greater in value. Used in relation to number sequences.
decreasing	Becoming smaller in value. Used in relation to number sequences.
sequence	A series of numbers or other elements which follow a rule.
pattern	A systematic arrangement of numbers, shapes or other elements according to a rule.
add	Carry out the process of addition.
subtract	Carry out the process of subtraction.
part	A piece of a whole.
whole	All of something, it is complete.
take away	Used in the reduction structure of subtraction. To remove a number of items from a set.
regroup	To swap ten ones for one ten, or swap one ten for tens ones, to make adding or subtracting easier.
'Make ten'	A way to add number by making ten first.
cost	A monetary value assigned to a good or service.
value	How much a digit is worth in a number. The place it is in tells its value.
total	The amount you get when you add all the numbers together.

Unit 12 -  
Numbers  
50 to 100  
and beyond

Unit 13 -  
Addition  
and  
Subtraction  
within  
100



### Describing number sequences

10, 20, 30, 40, 50, 60.

You are adding on ten beads each time. The pattern is increasing by ten.

increase sequence decrease pattern

pattern

### How could we calculate the answer?

'Make ten'

$32 - 5 = \underline{\quad}$

subtraction

**Key Learning:** To solve problems in context using addition and subtraction

How many different sets of beads can you find that cost 20 p?

r	red bead	7 p
b	blue bead	4 p
g	green bead	8 p
y	yellow bead	5 p
bl	black bead	2 p

Possible constraints:

- You must buy four different beads.
- You must use just two different types of bead.
- Beads have to be bought in twos.

addition