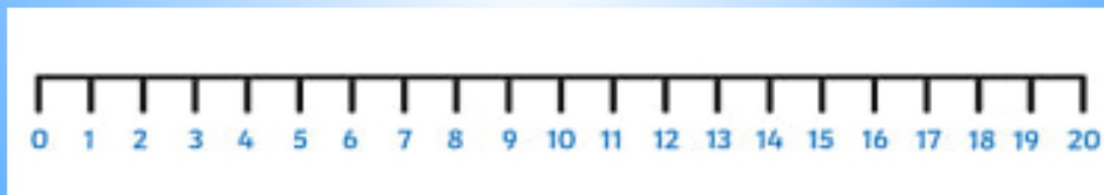


Let's practise our counting with the counting tin!

Engage

Close your eyes and listen to the marbles being dropped into the tin...

When the sounds stop, tell me what number you got to!



Can you count from any number?

Can you count in 10s?



What does this symbol mean?

Engage

times

multiply

repeated
addition

lots of

groups of

mutliplied
by



How many different words can you think of?

Key Learning: To recall and apply the 2, 5 and 10 times table.

Success Criteria:

I can count in 10s from 0 to 120

I can count in 2s from 0 to 24

I can count in 5s to 60

I can recall the 2, 5 and 10 times tables in order


I can solve equations using my multiples of 2, 5 and 10 knowledge

I can recall the 2, 5 and 10 times tables in order

Star words

lots of multiplication
groups of repeated addition

Let's
Recap

Let's take a look at the **10** times table.
What patterns do you notice? 


10

A multiple of 10 always has '0' in the ones digit.

$0 \times 10 = 0$
$1 \times 10 = 10$
$2 \times 10 = 20$
$3 \times 10 = 30$
$4 \times 10 = 40$
$5 \times 10 = 50$
$6 \times 10 = 60$
$7 \times 10 = 70$
$8 \times 10 = 80$
$9 \times 10 = 90$
$10 \times 10 = 100$
$11 \times 10 = 110$
$12 \times 10 = 120$

100 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

 Can you count in 10s to help me colour in all the multiples of 10 on the 100 square?

Introduce



How can we work out 10 times table equations?

$$3 \times 10 =$$

Repeated addition

3 x 10 means 3 **lots of** 10.
So we can add 3 lots of 10 together for our answer.



$$10 + 10 + 10 =$$

Count in multiples

We can count up in 10s 3 times.

10...20...30

Lay an egg!

$$3 \times 10 = 3$$






**What strategy would you use
solve 7×10 ?**

Practise
and
consider



Copy out the equation and solve
it on your whiteboard!

Let's
Recap

Let's take a look at the **5** times table.
What patterns do you notice? 

5

$$\begin{aligned}0 \times 5 &= 0 \\1 \times 5 &= 5 \\2 \times 5 &= 10 \\3 \times 5 &= 15 \\4 \times 5 &= 20 \\5 \times 5 &= 25 \\6 \times 5 &= 30 \\7 \times 5 &= 35 \\8 \times 5 &= 40 \\9 \times 5 &= 45 \\10 \times 5 &= 50 \\11 \times 5 &= 55 \\12 \times 5 &= 60\end{aligned}$$

Multiples of 5 always end in a '0' or '5'.

100 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



Can you
count in 5s to
help me
colour in all
the multiples
of 5 on the
100 square?

Introduce



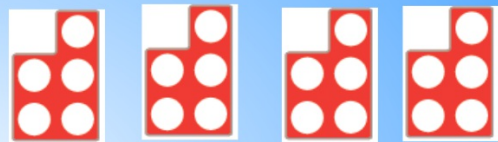
How can we work out 5 times table equations?

$$4 \times 5 =$$

Repeated addition

4 x 5 means 4 **lots of 5**.

So we can add 4 lots of 5 together for our answer.



$$5 + 5 + 5 + 5 =$$

Count in multiples

We can count up in 5s 4 times.

5...10...15...20



**What strategy would you use
solve 9×5 ?**

Practise
and
consider



Copy out the equation and solve
it on your whiteboard!

Let's
Recap

Let's take a look at the **2** times table.



What patterns do you notice?



2

- $0 \times 2 = 0$
- $1 \times 2 = 2$
- $2 \times 2 = 4$
- $3 \times 2 = 6$
- $4 \times 2 = 8$
- $5 \times 2 = 10$
- $6 \times 2 = 12$
- $7 \times 2 = 14$
- $8 \times 2 = 16$
- $9 \times 2 = 18$
- $10 \times 2 = 20$
- $11 \times 2 = 22$
- $12 \times 2 = 24$

Multiples of 2 are always **even numbers**

100 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



Can you
count in 2s to
help me
colour in all
the multiples
of 2 on the
100 square?


Introduce



How can we work out 2 times table equations? **$6 \times 2 =$**

Repeated addition

6×2 means 6 **lots of 2**.
So we can add 6 lots of 2 together for our answer.



$2 + 2 + 2 + 2 + 2 + 2 =$

Count in multiples

We can count up in 2s 4 times.

$2 \dots 4 \dots 6 \dots 8 \dots 10 \dots 12$



**What strategy would you use
solve 7×2 ?**

Practise
and
consider



Copy out the equation and solve
it on your whiteboard!



Miss Hughes has solved the following equation. Is she correct?



$$6 \times 5 = 11$$

No! Oh dear..what mistake has Miss Hughes made?

Miss Hughes has done $6 + 5$ instead of 6 lots of 5!

Can you help Miss Hughes solve the equation correctly?
What strategy can she use?

$$6 \times 5 =$$

It's carousel time!!

Independent task

Station 1 - Multiplication flowers (10 x times table)



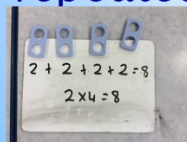
Station 2 - Roll, Add and Multiply (5 x times table)

Roll, Add and Multiply x 5

What to do:
 Page 1: Roll 2 dice and add the numbers together. Then multiply the number by 5. Color in your answer on the grid below.
 Page 2: Roll the dice again. Calculate and repeat on a different color.

20	10	30	15	50	25
15	50	45	20	35	60
40	25	60	55	30	40
60	35	15	10	45	50
30	55	40	25	55	35
10	45	35	30	20	15

Station 3 - repeated addition with cubes / numicon (2x times table)



Station 4 - Beat the Clock (all times tables)

Beat the clock!

Can you write out all of your times table equations in order onto a whiteboard?

Start with your 10 times table, then 5 times table, then 2 times table!

How far can you get in 5 minutes?

Station 5 - word problems (all times tables)

<p>1 A packet of crisps costs 50p. How many packets can you buy with £3.00? How many packets can you buy with £5.00?</p>	<p>2 A packet of crisps costs 50p. How many packets can you buy with £3.00? How many packets can you buy with £5.00?</p>
<p>3 A packet of crisps costs 50p. How many packets can you buy with £3.00? How many packets can you buy with £5.00?</p>	<p>4 A packet of crisps costs 50p. How many packets can you buy with £3.00? How many packets can you buy with £5.00?</p>

Let's play Hit The Button!!!

Reflection

The screenshot shows the 'Hit The Button' game interface. At the top, there is a 'Menu' button and a score of 33. The main area is a 3x4 grid of yellow buttons with multiplication questions. To the right of the grid are two buttons, one green and one red. At the bottom, there is a status bar with the text 'Times Tables up to 12', 'Hit the Question - Mixed Tables', 'Timer: 0:01', 'Score: 5/5', and a 'topmarks' logo.

2×4	2×6	2×10	11×3
9×5	7×7	5×11	6×10
9×7	6×12	11×7	11×9

Times Tables up to 12
Hit the Question - Mixed Tables
Timer: 0:01
Score: 5/5
topmarks