



**Year 3**  
**Maths**  
**Wednesday 8<sup>th</sup> July 2020**



# Lesson Aims

- **LO: I can multiply a 2 digit number by a 1 digit number.**
- SC: I can partition a number into 10s and 1s.
- I can use times tables to help me.
- I can times by 10.



# Lesson Aims

- For division
- **LO: To divide 2 and 3 digit numbers by a single digit.**
- **SC:** I can partition in to tens and units.
- I can find 'how many groups of \_\_\_\_\_ 10s'.
- I can find 'how many groups of \_\_\_\_\_ units'.
- I can use a grid to help me.
- I can use bus stop method to help me.
- I can exchange a ten for ten units.
- I can work out the remainder.



# Fluency Starter

- Count up in 10s from 46.  
What are the next three numbers?
- Count up in 5s from 68.  
What are the next three numbers?
- Count down in 10s from 52.  
What are the next three 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



# Fluency Starter Answers

- Count up in 10s from 46.  
What are the next three numbers? **56, 66, 76**
- Count up in 5s from 68.  
What are the next three numbers? **73, 78, 83**
- Count down in 10s from 52.  
What are the next three numbers? **42, 32, 22**

## 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



# Main Teaching

- How will you solve this?

$$38 \times 3 =$$

Think about using the grid method, jottings or the bus stop method.

If your child is unsure how to tackle this question check out Tuesday's input for a fuller explanation.



# Main Teaching Answer

- $38 \times 3 = 114$

$$\begin{array}{r|l|l} \times & 30 & 8 \\ \hline 3 & 90 & 24 \end{array}$$

$$90 + 24 = 114$$



# Fluency

- Try these:
- $22 \times 2 =$
- $16 \times 5 =$
- Clara puts 4 cakes in each box. She has 24 boxes. How many cakes has she made?





# Fluency Answers

- Try these:
- $22 \times 2 = 44$
- $16 \times 5 = 80$
- $24 \times 4 = 96$



# Main Teaching

- How will you solve this?

$$396 \div 3 =$$

Think about using a grid or the bus stop method.



# Main Teaching

- How will you solve this?

$$396 \div 3 = 132$$

	300	90	6
3	100	30	2

$$100 + 30 + 2 = 132$$

$$3 \overline{) 396} \begin{matrix} 132 \\ \hline 396 \end{matrix}$$



# Main Teaching

- How would you solve

## division with exchanging?

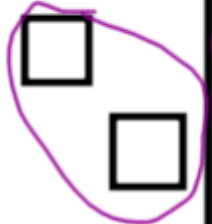


Think about using bus stop method, a grid or jottings to help you.

**Try  $258 \div 2 =$**



# Fluency

- Try  $258 \div 2 = 129$

x	200	50	8
2			

$100 + 20 + 9 = 129$

$$\begin{array}{r} 129 \\ 2 \overline{) 258} \end{array}$$



# Fluency

- Try these:
- $492 \div 4 =$
- $672 \div 3 =$
- 375 seeds are planted into 3 flowerbeds. How many seeds will be put in each flowerbed? How many are left over?



# Fluency Answers

- Try these:
- $492 \div 4 = 123$
- $672 \div 3 = 672$
- 375 seeds are planted into 3 flowerbeds. How many seeds will be put in each flowerbed? How many are left over? **125, none are left over.**



# Activity

- Please see the sheet named MATHS WEDNESDAY WORKSHEET. It is a mixture of multiplication and division word problems.
- There is a challenge sheet available.





# Activity Answers

$$36 \times 4 = 144$$

$$64 \times 8 = 512$$

$$99 \div 8 = 12 \text{ r}3$$

$$896 \div 2 = 448$$

$$115 \times 3 = 345\text{g}$$