Year 3
Maths
1st July 2020

Lesson Aims

- SC: To be able to use formal methods of addition and subtraction.

- LO: I can add the units first and carry the tens for addition.
- I can add the tens and carry the hundreds for addition.
- I can exchange the tens for subtraction.
- I can exchange the hundreds for subtraction.
- I can identify if a word problem needs me to add or subtract.

Fluency Starter

What do you notice about the 4 and 8 x table?

1	x	4	=	4
2	x	4	=	8
3	x	4	=	12
4	x	4	=	16
5	x	4	=	20
6	x	4	=	24
7	x	4	=	28
8	x	4	=	32
9	x	4	=	36
10	x	4	=	40
11	x	4	=	44
12	x	4	=	48

1	x	8	=	8
2	x	8	=	16
3	x	8	=	24
4	x	8	=	32
5	x	8	=	40
6	x	8	=	48
7	x	8	=	56
8	x	8	=	64
9	x	8	=	72
10	x	8	=	80
11	x	8	=	88
12	x	8	=	96

Activity village .co.uk

Fluency Starter Answers

- The 8 x table answers are double those of the 4 x table.

Fluency Starter

- Now answer these questions:

- 8 x 4 =   8 x 8 =

- 5 x 4 =   5 x 8 =

- 10 x 4 =   10 x 8 =

- 7 x 4 =   7 x 8 =

Fluency Starter Answers

- Now answer these questions:

- 8 x 4 = **32**   8 x 8 = **64**

- 5 x 4 = **20**   5 x 8 = **40**

- 10 x 4 = **40**   10 x 8 = **80**

- 7 x 4 = **28**   7 x 8 = **56**

Main Teaching

- How will you solve this?

$$245 + 226 =$$

Think about using expanding addition, jottings or contracted addition.

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

Main Teaching Answer

- 245 + 226 = **471**

```
  2 4 5          2 0 0 + 4 0 + 5
  2 2 6          2 0 0 + 2 0 + 6
  4 7 1          4 0 0 + 6 0 +11
    1
```

Main Teaching

- How will you solve this?

563 + 276 =

Think about using expanding addition, jottings or contracted addition.

Main Teaching Answer

- 563 + 276 = 839

```
  5 6 3          5 0 0 + 6 0 + 3
  2 7 6          2 0 0 + 7 0 + 6
  8 3 9          7 0 0 +13 0+ 9
  1
```

Fluency

- Try these:

- 637 + 247 =

- 379 + 262 =

- 773 + 185 =

- Josie bought 167 stickers for her sister and 264 for herself. How many stickers did Josie buy in total?

Fluency Answers

- Try these:

- 637 + 247 = **884**

- 773 + 185 = **958**

- Josie bought 167 stickers for her sister and 264 for herself. How many stickers did Josie buy in total?

- **167 + 264 = 431**

Main Teaching

- How will you solve this?

567 - 148 =

Think about using expanding subtraction, jottings or contracted subtraction.

567 - 148 = **419**

$$5\ 5\ \cancel{6}\ ^{1}7$$
$$-\ 1\ \ \ 4\ \ \ 8$$
$$4\ \ \ 1\ \ \ 9$$

5 0 0   5 $\cancel{6}$ 0   1 7
1 0 0   4 0   8
4 0 0 + 1 0   + 9

Fluency Activity

- Try these:

- 859 – 375 =

- 787 – 269 =

- 453 – 248 =

- Joel had 354 stickers in his album. He removed 185. How many are left in his album?

Fluency Answers

- Answers:

- 859 – 375 = **484**

- 787 – 269 = **518**

- Joel had 354 stickers in his album. He removed 185. How many are left in his album? **354 – 185 = 169**

Activity

- Please answer the questions on WEDNESDAY MATHS WORKSHEET.

- Have a go at the challenge if you have time.

Activity Answers

- 453 – 248 = **205**
- 379 + 262 = **641**
- 713 - 572 = **141**
- 175 + 595 = **770**
- 948 - 369 = **579**
- 342 + 771 = **1113**

Activity answers

- There are 167 books in Hawthorn class and 392 books in Willow class. How many books are there altogether?

- 167 + 392 = **559**

- Abi collects stamps. She has 456 in an album. She gives 172 to her friend. How many does she have left?

- 456 – 172 = **284**

- Jay has a collection of 263 football cards. He gives his brother 189. How many football cards does Jay have left?

- 263 – 189 = **74**

- A family drove 289km to go on holiday. Then they drove to 149 to go to a theme park. How far did they go in total?

- 289km + 149km = **438km**

Challenge Answers

- Answers:
- 67 - 5**8** = 9
- 50 – **20** = **20** + 10
- 1 + 10 + **89** = 100
- 72 **- 5**4 = 18
- 82 – **24** = 46 + 12
- 7 + 62 + **51** = 120