Hello again Year 3,

I hope you are all well.

Looking out of my window, it looks very chilly today. I will have to wrap up warm when I go for a walk later!

I hope you have been managing to get out for a bit of fresh air.

This week we are going to continue our work on multiplication.

From,

Mrs Yeandle

Jan 8-11:25

LI: To multiply 2-digits by 1 digit

There are 22 players in a football match.
If there are 3 matches, how many players are there?

We can highlight the important information in the problem.
Then decide what calculation is needed.
This problem needs us to work out
22 X 3

I might decide to use Base 10 to work out the answer.

T	O
||	--
||	--
||	--

I have made 22 three times

60 + 6 = 66

Or I might use the expanded column method.

First I multiply the ones column. (2 X 3)
Then I multiply the tens column. (20 X 3)

```
 2 2
X 3
 6     (2 X 3)
6 0    (20 X 3)
6 6
```

Or I may use the contracted column method.

```
 2 2
X 3
6 6
```

(2 tens X 3 = 6 tens, so we put 6 in the tens column)

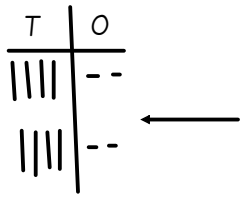
(2 ones X 3 = 6 ones, so we put 6 in the ones column)

Jan 8-11:24

I want to work out

42 X 2

Again, I can use a choice of methods



I can make 42 twice

80 + 4 = 84

4 2
X 2
4 (2 X 2
8 0 (40 X 2)
8 4

4 2
X 2
8 4

(4 tens X 2 is 8 tens)

(2 ones X 2 is 4 ones)

Jan 8-11:45

Use 2 of the methods from the previous slides to show me how you would work out;

21 X 4

Jan 8-11:52

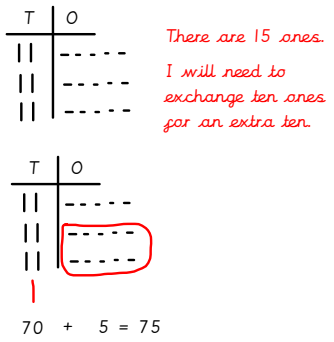
Use 2 of the methods from the previous slides to show me how you would work out;

32 X 3

Jan 8-11:52

Look at this calculation.

25 X 3



In expanded column method, it would look like this;

2 5
X 3
1 5 (5 X 3)
6 0 (20 X 3)
7 5

In the contracted column method, it would look like this;

2 5
X 3
7 5
1

5 X 3 = 15
(Put the 5 in the ones column and carry the ten underneath.)

(2 tens X 3 is 6 tens, plus the extra ten, gives us 7 tens)

Jan 8-11:55

Use 2 of the methods from the previous slides to show me how you would work out;

23 X 4

Jan 8-11:52

Use 2 of the methods from the previous slides to show me how you would work out;

36 X 2

Jan 8-11:52

Alex completes the calculation:

$$43 \times 2$$

Can you spot her mistake?

	T	O
	4	3
×		2
		6
+		8
	1	4

Jan 8-12:07

Here are three incorrect multiplications.

	T	O
	6	1
×		5
	3	5

	T	O
	7	4
×		7
4	9	8

	T	O
	2	6
×		4
8	2	4

These calculations have all been done incorrectly.

Use any method from the previous slides to try and find the correct answer.

Jan 8-12:08

See if you can work your way through the examples and questions.

If you have a way of uploading your work, then you can email it to LKS2parents@epcollier.reading.sch.uk

If you can put in the subject bar your name and work for Mrs Yeandle - I should be able to access it!

If you are not able to do this but can print off your work, then it would be great to see it when you return to school.

Thank you Year 3,

Happy New Year

From Mrs Yeandle

Jan 8-12:09