Post Learning Assessment
Year 4 Addition

Addition & Subtraction

Prior Learning:

| Addition & Subtraction | **Question 1:** I can use partitioning and place value to mentally add. | I feel |

Add these amounts together:

a) 381 + 10 = 391 e) 460+ 50 = 510

b) 415 + 20 = 435 f) 88 + 22 = 110

c) 116 + 22 = 138 g) 112 + 233 = 345

d) 200 +350= 550 h) 320 + 95 = 415

Prior Learning:

| Addition & Subtraction | **Question 2:** I can use rounding to help me to mentally add. | I feel |

Add these amounts together:

a) 16 + 9 = 25 b) 87 + 99 = 186

c) 34 + 21 = 55 d) 96 + 11 = 107

e) 562 + 99 = 661 f) 413 + 19 = 432

g) 312 + 101 = 413 h) 321 + 1001= 1322

Prior Learning:

	Question 3: I use my knowledge of doubles to help me to mentally add.	I feel
Addition & Subtraction		

Add these amounts together:

a) 12 + 13 = | **25**

b) 45 + 44 = | **89**

c) 320 + 320 = | **640**

d) 251 + 252 = | **503**

Prior Learning:

	Question 4: I use my knowledge of number bonds to help me to add mentally.	I feel
Addition & Subtraction		

a) 65 + | **35** = 100

b) 17 + 83 = | **100**

c) 7+ 15 + 23 = | **45**

d) 34 + 70 +30 = | **134**

e) 45 + 22+ 5 = | **72**

f)20+200 +180 = | **400**

Prior Learning:

Question 5:
I can use a written method to add amounts.

Addition & Subtraction

Show me how to work out:

a)
```
   2 0 7
 + 3 2 1
 _____
   5 2 8
```

b) 128 + 231 =

```
     1 2 8
 +   2 3 1
   _____
     3 5 9
```

Ensure that children are using the formal written method by the end of year 4 and should also be able to carry amounts.

Prior Learning:

I feel

Question 6:
I am beginning to use a formal method to add 3 digit amounts.

Addition & Subtraction

Complete these sums :

a)   221 + 389 =

```
     2 2 1
 +   3 8 9
   _____
     6 10
     1   1
```

b)   623 + 396 =

```
     6 2 3
 +   3 9 6
   _____
   10 1 9
     1 1
```

Ensure that children are able to use the formal written method with little scaffolding and should also be able to carry amounts.
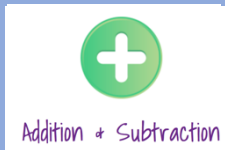
Question 7:
I can make realistic estimates.

Addition & Subtraction

I feel

3 classes have been collecting milk lids to make a large sculpture. Estimate how many milk lids have been collected in total.
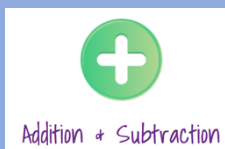
Class 1
298

Class 2
403

Class 3
379

You may want to discuss with the children what they rounded the amounts to help them to estimate. Some children may have rounded 379 to 380 and some may have rounded it to 400. Discuss how both estimates are suitable, however rounding all amounts to the nearest hundred may be quicker for children at this age .

1080 or 1100

Question 8:
I can solve addition missing number sums.

Addition & Subtraction

I feel

Fill in the boxes to make each sum correct.

a)

$$
\begin{array}{r}
2\ \ 4\ \ 5 \\
+\ 2\ \ 3\ \ 7 \\
\hline
4\ \ 8\ \ 2 \\
\hline
\end{array}
$$

b)

800 − 231 = 569

Addition & Subtraction

Question 9 :
I can solve word problems.

I feel:

Samuel recorded how many days he was present at school over 3 years. There are 195 days in one school year.

In year 1 he was absent for 4 days. In year 2 he was present for 193 days and in year 3 he was absent for 7 days. How many days in total has Samuel been at school?

Example of calculations :
195 – 4 = 191
195 – 7 = 188
The children should have identified that they did not need to subtract anything from 193.

191 + 188 + 193 =

572 days