





Prior Learning:

 Addition + Subtraction	Question 1: I can add ones to 3 digit numbers.	I feel
<p>Add these amounts together:</p>		
a) $123 + 1 =$	124	d) $108 + 4 =$
		112
b) $245 + 4 =$	249	e) $219 + 7 =$
		226
c) $302 + 7 =$	309	f) $196 + 5 =$
		201
<p>Assess here the strategies the children are using. Can all children count on accurately in ones with numbers over 100? Can children cross boundaries of ten and hundred when counting on? Are some children using any other strategies such as using number bonds to count on in chunks?</p>		

Prior Learning:

 Addition + Subtraction	Question 2: I can add tens to 3 digit numbers.	I feel
<p>Add these amounts together:</p>		
a) $113 + 10 =$	123	d) $356 + 30 =$
		386
b) $256 + 10 =$	266	e) $294 + 10 =$
		304
c) $165 + 20 =$	185	f) $198 + 20 =$
		218
<p>Assess here the strategies the children are using. Can all children count on accurately in tens using their understanding of place value with numbers over 100? Can children cross boundaries of hundred when counting on? Are children able to count on in multiples of ten?</p>		

Prior Learning:



Addition + Subtraction

Question 3:

I can add hundreds to 3digit numbers.

I feel

Add these amounts together:

a) $134 + 100 =$

234

d) $367 + 200 =$

567

b) $90 + 100 =$

190

e) $201 + 200 =$

401

c) $205 + 100 =$

305

f) $336 + 110 =$

446

Can all children count on accurately in hundreds using their understanding of place value with numbers over 100? Are children able to count on in multiples of hundred? Some children may be ready to use partitioning to mentally add hundreds, tens and ones.

Prior Learning:



Addition + Subtraction

Question 4:

I can use a written method to add amounts together.

I feel

Show me how to work out:

a) $161 + 112 = 273$

$$100 + 60 + 1$$

$$100 + 10 + 2$$

$$\hline 200 + 70 + 3 = 273$$

b) $213 + 154 = 367$

$$200 + 100 = 300$$

$$10 + 50 = 60$$

$$3 + 4 = 7$$

Some children may partition these amounts to add these together. Any jottings or an informal written method using partitioning may be used, as suggested above. You are looking for the children's understanding of partitioning numbers into hundreds, tens and ones as a first step to teaching written methods.

Prior Learning:



Addition + Subtraction

Question 5:

I can use a written method to add amounts.

I feel

Show me how to work out:

a) $87 + 59 = 146$

$$80 + 50 = 130$$

$$7 + 9 = 16$$

b) $122 + 194 = 316$

$$100 + 20 + 2$$

$$100 + 90 + 4$$

$$200 + 110 + 6$$

Some children may partition these amounts to add these together. Any jottings or an informal written method using partitioning may be used, as suggested above. You are looking for the children's understanding of partitioning numbers into hundreds, tens and ones as a first step to teaching written methods. These questions are a little harder as they require the children will make a ten or hundred when adding the amounts together.

Prior Learning:



Addition + Subtraction

Question 6 :

I am beginning to use a formal method to add 2 amounts together.

I feel

Complete these sums.:

a)

$$\begin{array}{r} 234 \\ + 161 \\ \hline 395 \end{array}$$

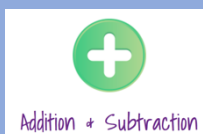
b)

$$\begin{array}{r} 318 \\ + 263 \\ \hline 581 \end{array}$$

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If children show accuracy here, check that they can talk through each step and that they are using correct vocabulary to show their understanding of place value, such as 3 tens and 6 tens is 9 or 30 and 60 is ninety. The children should be able to explain each step of how they can use this method to demonstrate their understanding. If children are showing difficulty here, a practical and visual introduction suggested in Q6 lesson may support children.

Prior Learning:



Question 7:

I can make realistic estimates of amounts .

I feel

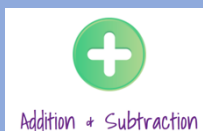
Here are three class sizes below. Estimate how many children there are altogether.

$$22 + 39 + 32 =$$

90

Some children may estimate around 80 or 100. This is showing that the children are beginning to thinking about estimating so these can be accepted as well. You may then want to deepen their understanding by applying their knowledge of rounding to make closer estimates. Children that have added these up altogether to get the answer of 94, have not used estimating . They have calculated the answer therefore they will need support with understanding estimating and why we use this.

Prior Learning :



Question 8 :

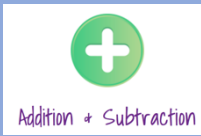
I can answer sums laid out in different ways.

I feel

$$273 = 210 + 63$$

Children are often familiar with the sums laid out the opposite way. Assess the children's understanding here as to whether they do not understand the lay out of the question or whether they need more support with using mental or written methods to add the amounts accurately.

Prior Learning :



Question 9 :
I can solve a word problem

I feel

Harry, Logan and Briggi save their pocket money to go to a theme park together. They need £121. Here is what each child has saved so far.



£53



£25



£40

Do the children have enough money to go to the theme park?

Children should demonstrate adding the 3 amounts together to get the total of £118. Assess here whether the children lack understanding of what the question is asking the children to do or accuracy with mental and written addition.

NO