Tens & Units Addition

We are beginning Tens & Units addition this week. Please do not feel any pressure to attempt these sums with your child and be assured this will all be taught again in P4, your child will not miss out on anything.

To give you some background on what we have covered in class before lockdown. We began by discussing the word 'Digit', I explained that 0,1,2,3,4,5,6,7,8 & 9 are digits and that every number in the whole wide world is made up of these digits. We had some fun with this making 2 digit numbers e.g 34, 67 etc; we progressed; we progressed to 3,4,5,6 digit numbers. Although most children did not really understand/know numbers beyond 3 digits they could see how the numbers were made. If you like you could begin by revising this with your child.

These digits are also referred to as 'Units' (the smallest naturally occurring number), they may also be called 'Ones' as they are in the portioning book I sent home. I had explained this to the children that the proper mathematical name was 'Units' (we liked to use proper big grown up mathematical language in P3H such as vertices, inverse operation etc) therefore moving forward I will only refer to them as Units.

As units are the smallest number we always begin with these. I have added a Tens & Units Card and Squared paper documents on our class page; the squared paper is very helpful when we begin as it's important that numbers are put in the correct place. The Tens & Units card may not seem necessary with the initial sums but please use it as each stage with build upon the previous. If you can't print the Tens & Units card, you can make your own. In school we would use 'Dienes Base Ten Maths Equipment' and I will use these in the photographs, 1p & 10p coins will make good substitute. (For anyone interested Dienes sets are available on Amazon ranging from £12-£25)
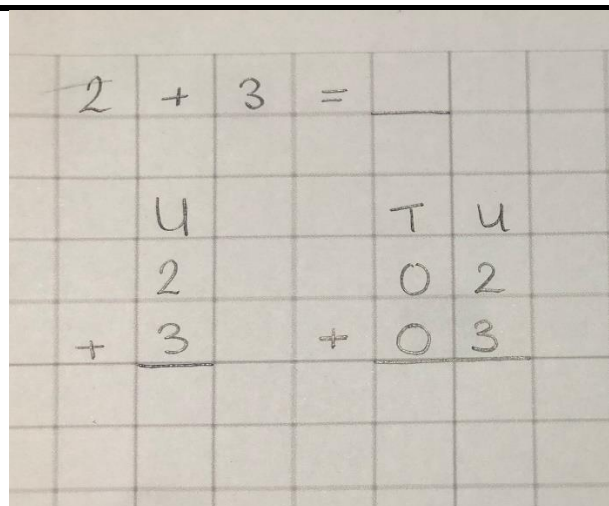
We are beginning initially with adding Units using the card and Dienes Base Ten. I have provided a few sums for your child to complete this week. I have modelled the first two sums below.

I hope I haven't overloaded you with information here and that these instructions are fairly easy to follow. I will slowly build up the tasks over the next few weeks. If you have any queries, please do get in touch and I would love to see how your child is getting on.

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Miss Hart

The first sum we will complete together is 2+3=____. Your child will be very familiar with this type of sum. I will include this format in a few sums to help your child but we are going to complete as a Units or Tens & Units sum. Remember there cannot be any number bigger than 9 on the Units side (the Units house as I will refer to it)

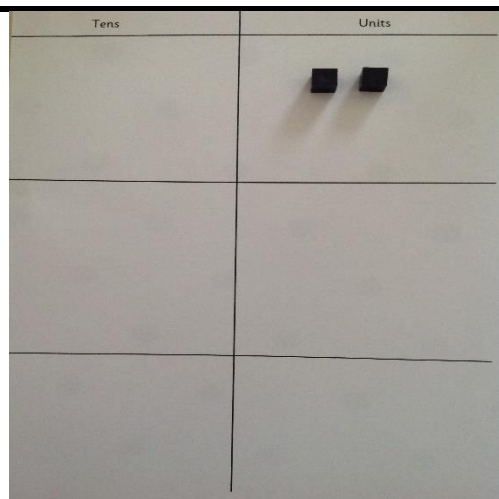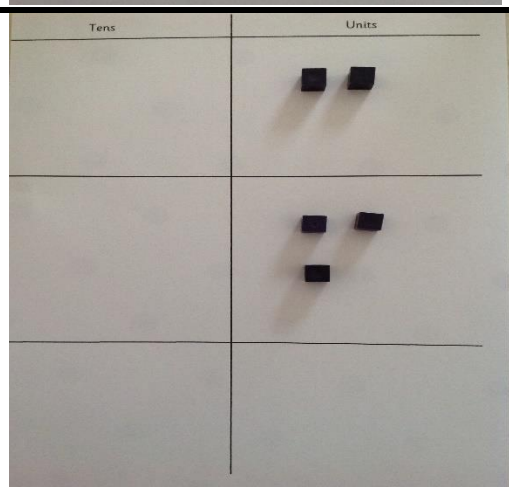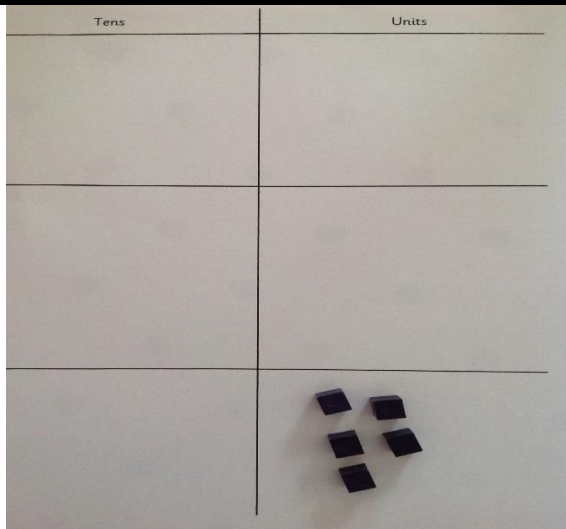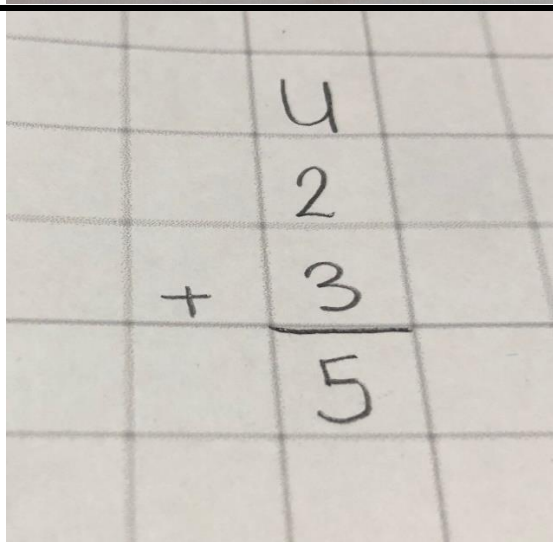|	
	The sum at the top is how children would usually see it. The sum can either be written as a Unit sum (U means Unit). On the left Or As a Tens & Unit sum (T means Tens). On the right. The zero indicates there are no tens. We always start in the Units 'House' meaning everything under the U. The line under the sum is important to write in as it represents the equals sign (it didn't come out well in this picture.
	When your child has written the sum use your Tens & Units card and put out 2 units, just like the picture
	Then put out the 3 Units just like the picture.

Add all the Units together.

Tens | Units

The Units should all be moved to the answer box at the bottom. It might help your child with counting to put the units out in twos.

U
2
+ 3
5

When your child has used the Tens & Units card they should write in the answer, making sure they are in the units house.
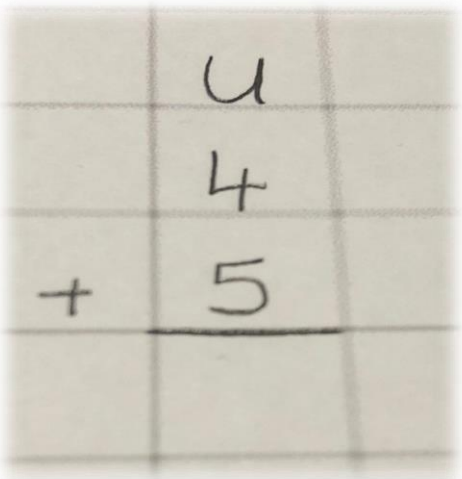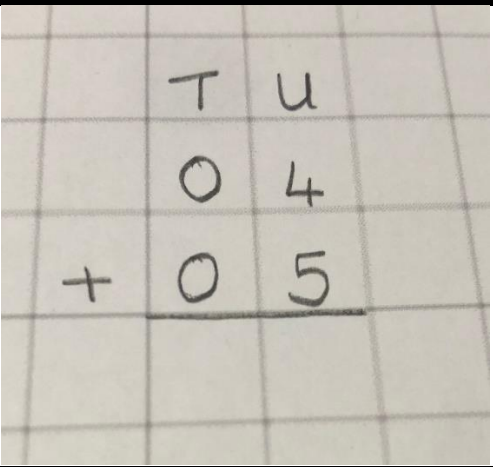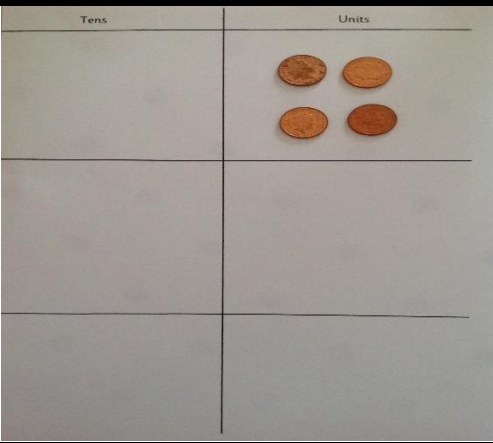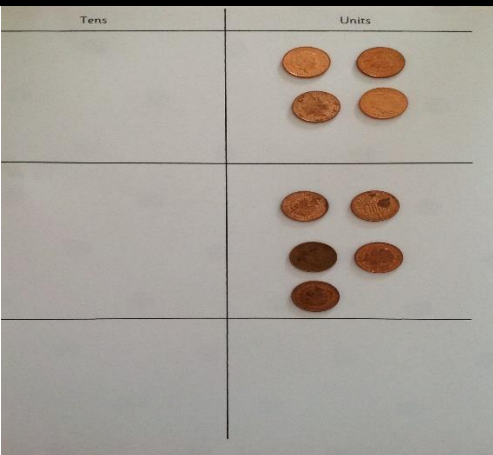
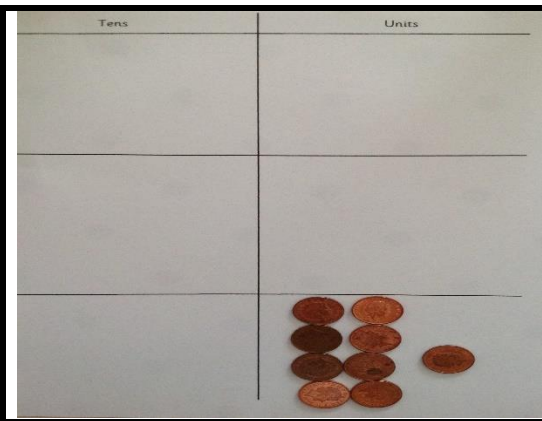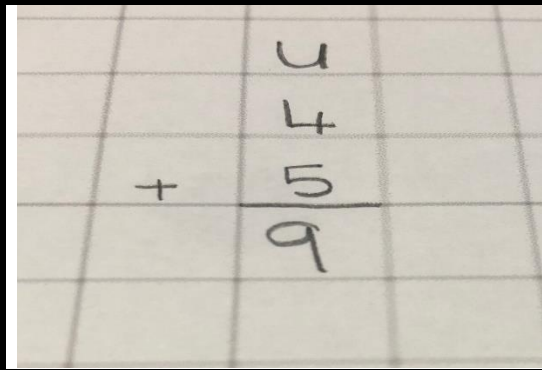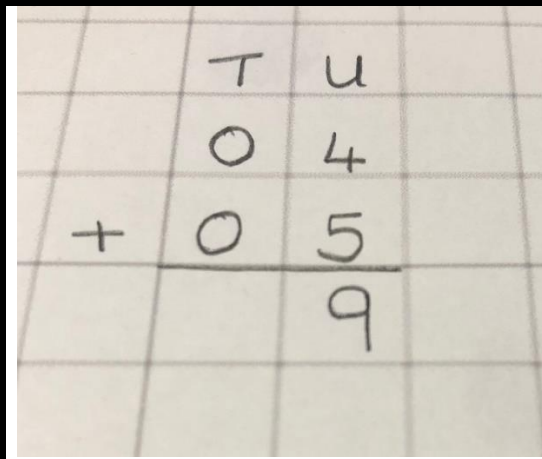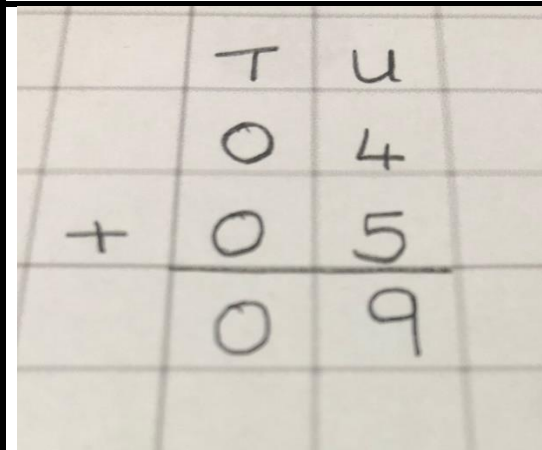|	
T U 0 2 + 0 3 ⬜ 5	If your child completed the sums using the zero for Tens they must complete the Units first.
T U 0 2 + 0 3 0 5	Then complete the Tens side.

See below for sum Number 2 completed in the same way using 1p coins as units.

Sum Number 2

	First write the sum.
	Or like this.
	Put out 4 units
	Put out the 5 Units to be added

	Add all of the Units together in the answer box.
u 4 + 5 9	Then write the answer
T u 0 4 + 0 5 9	Or If the sum was written like this, write the unit answer
T u 0 4 + 0 5 0 9	Then the Tens