

## Ways to support your child in maths in Autumn B (Cherry maths)

We do not send weekly maths homework in Year 2 as there are maths choices on the homework activities. However, we are aware that some parents would like to work on maths during the week to support the work being done in class. Please feel free to support your child by working on the concepts and strategies detailed below but it is not necessary to hand this in. *S. Hedley*

**Ongoing:** Please continue to help your child to tell the time and use the clocks around the home and on electronic devices.

### **Week 1 and 2: Addition:**

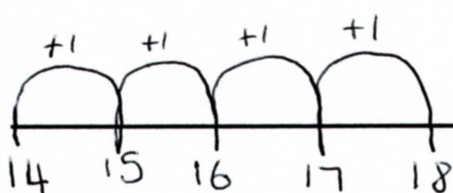
\*We will recap various strategies that the children are familiar with (place value, doubles, counting on, pairs to 10, using a 100 square, know by heart) and learn how to apply the best one to a particular sum. E.G.  $10 + 9$  uses place value.  $8 + 7$  uses counting on.

\*We will learn how to add along an empty number line, progressing from adding one digit to a two digit number, adding multiples of ten to two digit numbers and beginning to add a two digit number to another two digit number. (We won't yet be working on sums where the units add up to more than ten E.G. we will do  $34 + 22$  but NOT  $37 + 25$ )

#### **EMPTY NUMBER LINES:**

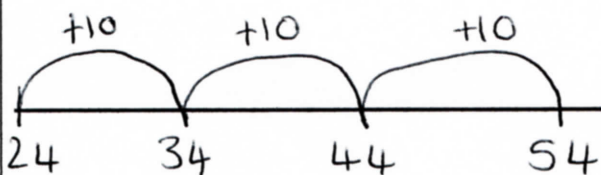
Step 1:

$$14 + 4 = 18$$



Step 2: Notice that when you add 10 the unit does not change.

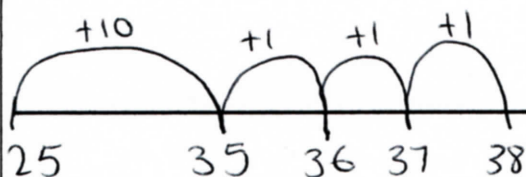
$$24 + 30$$



Step 3:

$$25 + 13$$

Add the tens then the units.



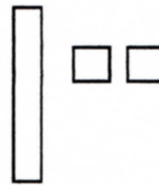
We will also use partitioning as an addition strategy for 2 digit numbers.

$$36 + 12 =$$

$$30 + 10 = 40$$

$$6 + 2 = 8$$

$$40 + 8 = 48$$



**Week 3 Subtraction:** We will consolidate understanding of subtraction as taking away, finding the difference, finding how many more/less. We will also explore subtraction being the inverse (opposite) of addition.

\* We will recap subtraction strategies in the same way as addition (above).

\*No matter what level your child is working at, learning all of the subtraction facts to 20 by heart will help them to become more fluent, quick and accurate with subtraction.

\*You could support them this week by practising the pairs to 10 ( $10-2=8$ ) and the related bonds to 20 ( $20-13=7$ ) or 100 ( $100-40=60$ ).

\*Learning the doubles to 20 would be really useful. ( $16-8=8$ )

\*Think about place value:  $17-7$  must be 10 if you think about place value.

\*Some children will be extended by exploring place value to 100:  $45-5=$

\*We will explore missing numbers ( $\_\_ - 6 = 11$   $13 - \_\_ = 7$ ,  $29 - \_\_ = 20$ ,  $34 - \_\_ = 4$ )

\*The children will be introduced to subtracting along an empty number line.

#### **Week 4 Money:**

\* We will be learning coin values and counting sets of coins. You can support them in this by allowing your child to play with/count different combinations of coins. Begin by keeping the value to under £1. You may want to extend your child to amounts over £1 if they already have a good understanding of money/coins.

\* We will be learning about change and applying our knowledge using word problems.

\* It would be great if you could take your child to a shop and give them the practical experience of paying for something in cash and receiving/checking the change.

### **Week 5 Fractions:**

\* We will learn about halves, quarters and thirds of shapes and numbers using a variety of practical tasks and activities.

\* You can support your child by using the language of fractions at home. Preparing/eating food and talking about money/time are good opportunities for this.

EG: Would you like me to cut your pizza into quarters? How many pieces will that be? How many quarters are there in one half of your pizza?

Here is 20p. What is half of 20p?

I have chopped half of this bag of carrots. I chopped 3. How many were in the bag?

### **Week 6 Shape:**

\* We will Revise 2d and 3d shape names.

\* The children will describe and sort shapes according to their properties:

2d shapes

3d shapes

sides

edges

corners

faces (shape and number)

angles

vertices

\* Support your child at home by talking about the shapes you can see in everyday objects.

\* Children love guessing which shape you are talking about...

I am 2d. I have four sides of equal length. = Square

I am 3d. I have 6 faces. I have 12 edges and 8 vertices. All my faces are square.  
= Cube

### **Week 7:**

Productions, parties, theatre visits!

Thank you for any additional work that you decide to do at home.