Off by Heart Facts

Year 3 Spring 2

Recap all of the times tables they know so far, including 3, 4 and 8x-relate random facts to related division facts

Be able to complete missing number questions-
e.g. 4x__ =16 or __ divided by 4=7

Use the fact that x4 is the same as doubling and doubling-
e.g. 6x4=6x2=12x2=24

Consider what other tables you can use this strategy for-
e.g. 5x and 10x, 3x and 6x, 4x and 8x

Recap fractions they know so far
e.g. quarters, thirds, fifths, tenths
-count on and back, order different fractions e.g. ¾, 4/5, 2/3, 7/10

Relate tenths to decimals e.g. 7/10=0.7

Practise how to find the tenth of a number by dividing your number by 10
e.g. 1/10th of 50=5

Keep practising counting on and back in different steps and from different starting numbers e.g. use counting steps of 2, 3, 4, 5, 8, 10, 50, 100

Top Tips for Home Learning

Do little and often

When recapping tables ensure you use random questions and not just asking your child to repeat the table in order
e.g. how many 8s make 48?

Try to relate facts to related division facts
i.e. `3 for free` so if 8x6=48 then 6x8=48 and 48 divided by 6=8 and 48 divided by 8=6

Use different vocabulary when asking questions
i.e. what is the product of 5x11?

If you know 4x9=36 what else do you know?

Practise counting on and back using a particular fraction starting both at 0 and at any number
-explore how you can simplify fractions
e.g. 3 and 2/4 can also be said/written as 3 and a ½
-explore saying/writing equivalent fractions e.g. 3/10 is equivalent to 6/20, 15/50, etc

Practise reading decimals and know that the first digit after a decimal point represents tenths-
e.g. 8.5=8 (whole ones) and 5/10ths (=0.5)

Begin to be familiar with Roman numerals
(there are many posters and images online which show the Roman numerals)