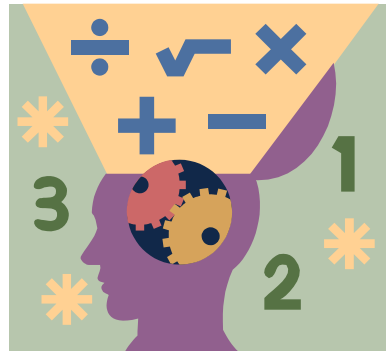


# Fleet Infant School

## Mental Maths

### Toolkit 2



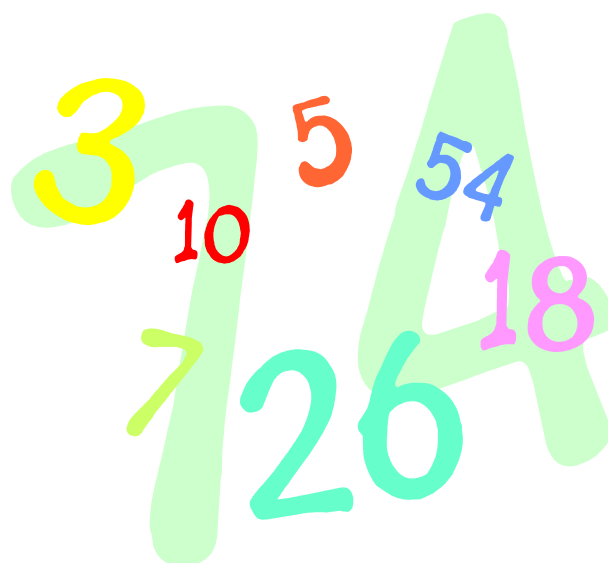
## Parents

There are lots of mental skills and strategies that we need to master in order to become quicker and more accurate at number work and calculation. These skills will help your child with maths in everyday life – for example when they need to work out how much to pay for a few things when shopping, how much discount or change they should get, how to work out how far a journey is or how long it will take.

It's fine to use fingers – and other resources – to help their thinking when they are learning about things in maths. But there are some things that it is really useful to just know – and to be able to recall instantly. The more of these things they have in their “toolkit”, the easier and quicker it will be to solve a mathematical problem or work out an answer or solution.

## Children

All of the skills and strategies in this booklet need to be really understood (your adult and teacher will help you with this), you need to practise them regularly until you are very quick and know them instantly – without having to work it out or use your fingers. When you have mastered all the targets bring your booklet to school and then your teacher can see if you are ready for the next ‘toolkit’.



## Mental Maths Toolkit 2

Target	Child	Parent
I can recognise all numbers to 100		
I can count forwards <b>and backwards</b> in ones to 100		
I can order number to 100 and explain why they are in that order		
I can count in tens to 100 <b>and back</b>		
I can explain what <b>multiples of ten</b> are		
I can quickly say the number that is <b>one more</b> or <b>one less</b> than any number		
I know all number pairs that total 10 (quick recall – no fingers!)		
I can quickly add together in my head any two numbers up to 10		
I know all number pairs that total 20 (quick recall)		
I can quickly add together in my head multiples of ten (e.g. 20 + 30, 70 + 20)		
I can quickly add together in my head any two numbers up to 20		
I can say the number that is ten more or ten less than any number up to 100 (quick recall)		
I can quickly add a multiple of ten to any number up to 100		
I can partition numbers into tens and ones and explain the value of each digit		
I can count forwards <b>and backwards</b> in 2's to 100 (and beyond)		
I can count forwards <b>and backwards</b> in 10's to 100 (and beyond)		
I can count forwards <b>and backwards</b> in 5's to 100 (and beyond)		
I know the 2 times table (quick recall, random order)		
I know the 5 times table (quick recall, random order)		
I know the 10 times table (quick recall, random order)		
In my head, I can quickly add or subtract any one-digit number to or from a multiple of ten.		
In my head, I can quickly add or subtract a one-digit number from any two-digit number		

Once you have mastered one of the targets tick the box next to it. Then get your adult to test you and they can tick and date it too, to show they agree.

