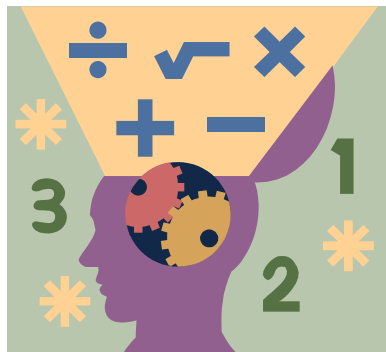# Mental Maths Challenge Card

Yellow Booklet

Improve your mental maths skills by learning your number facts off by heart. Practice at home and when you are ready to be tested ask somebody to sign the booklet. If you know the facts off by heart your teacher will give you a sticker and you will be ready to move on. When you have completed all the challenges in this booklet you will get a certificate.

Name: _____

Class: _____

Date started: _____

Date completed:_____

Guidance for Parents

Knowing number facts off by heart will make your child more confident with maths in class. They are also a necessary foundation for success in written methods which are introduced from year three.

Children who can calculate addition and subtraction facts mentally are less likely to make errors when working with larger numbers. Children who know their times tables will find formal multiplication and division easier to understand and will be able to work with fractions and decimals, manipulating numbers with confidence.

When working on mental methods at home 'little and often' is the key. You can practice anywhere – in the car, walking to school, cooking tea, waiting in a queue, in the bath etc. Try to make it fun and use games. There are also lots of on-line games that can help.

Remember lots of praise for improvement and the learning process.

Good luck and have fun!

Number Facts	Signed by Parent	Date Tested in school	Sticker
Say 10 more or 10 less than a multiple of 10			
Number bonds to 10 for addition and subtraction e.g. 7 + ? = 10			
Number bonds to 20 for addition e.g. 12 + ? =20			
Number bonds to 20 for subtraction e.g. 20 – 12 = ?			
Count forwards and backwards in 5s to 100			
Count on in 10s from any 2 digit number e.g. 27, 37, 47			
Add and subtract multiples of 10 to 100			
Double and half numbers to 20			
Know $\frac{1}{4}$ of 4, 8, 12, 16, 20			

Number Facts	Signed by Parent	Date Tested in school	Sticker
Multiplication and division facts for the 2 times table e.g. 7 x 2, 14 ÷ 2			
Multiplication and division facts for the 10 times table e.g. 7 x 10, 70 ÷ 10			
Multiplication and division facts for the 5 times table e.g. 7 x 5, 35 ÷ 5			
Mixed multiplication facts for the 2,5,10 times tables			
Multiplication and division facts for the 3 times table e.g. 7 x 3, 27 ÷ 3			
Multiply 1 and 2 digit numbers by 10 e.g. 7x10, 27x10			
Say 1 less than a multiple of 100 e.g. 1 less than 400			
Add or subtract a single digit to or from a 2 digit number e.g. 25 + 7, 32 - 5			
Count in multiples of 50 to 1000			