maths
The Learning Challenge
CURRICULUM

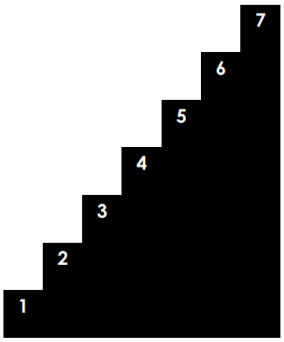
Rapid Recall

Rapid Recall

Number Facts

All children from Reception to Year 6 take part in the Rapid Recall challenge weekly. The children answer a list of 24 mathematical questions that are designed to increase their mathematical fluency. There are set time limits dependent upon your child's year group and ability. Research has shown that children make better all-round progress in Mathematics if they can recall number facts very quickly. By improving these rapid recall skills, children are better equipped to solve other mathematical problems as they can apply their known knowledge and learning with ease.

Children in Reception begin solving oral problems such as counting forwards and backwards from a given number, before moving onto written answers. The questions progress in difficulty, starting from Step One where children count accurately to 20, up to Step Seven where they need to find decimal and percentage equivalents. Children move through the steps at their own, individual pace and need to score full marks three consecutive times in order to move onto the next card. In each class children place their name onto the bronze, silver or gold stars displayed on the wall, depending on whether it is their first, second or third time of achieving 100 percent accuracy.



Within each Step, there are several different question cards to work through. These are numbered accordingly such as 3.1, 3.2, 3.3 etc. Children record their answers in a small exercise book, which is marked by a member of the teaching team.

3.1	Number bonds to 20
3.2	Addition and subtraction facts for each number to 10
3.3	Bonds of multiples of 10 up to 100
3.4	Doubles and halves of all numbers to 20
3.5	Multiplication facts for 2
3.6	Division facts for 2
3.7	Multiplication facts for 5
3.8	Division facts for 5
3.9	Multiplication facts for 10
3.10	Division facts for 10
3.11	Mixed multiplication and division facts for 2, 5, 10

Step 4 4.3 ii

Number bonds up to 100

A) 75 + _____ = 100
B) 81 + _____ = 100
C) 22 + _____ = 100
D) 45 + _____ = 100
E) 89 + _____ = 100
F) _____ + 32 = 100
G) _____ + 1 = 100

Step 6 6.1 ii

Double any number with up to 1 decimal place

A) Double 9.2
B) Double 12.8
C) Double 11.9
D) Double 12.7
E) Double 18.6

In the back of your child's Brain Builders book there will be a level your child is working on, with their current step highlighted. The more practise children have at answering these facts, the quicker their rapid recall will become!

Please do not hesitate to speak to your child's class teacher if you have any further questions.