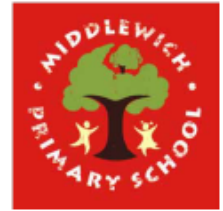


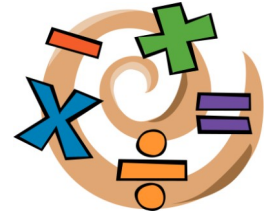
Maths Masters Memorise Facts!



# Mastermind Challenge

Year 1 — Autumn 2

## I know number bonds for each number to 6



Your challenge is to recall these facts **instantly** and score well in the mastermind test at the end of each half term.

$0 + 1 = 1$

$1 + 0 = 1$

$0 + 2 = 2$

$1 + 1 = 2$

$2 + 0 = 2$

$0 + 3 = 3$

$1 + 2 = 3$

$2 + 1 = 3$

$3 + 0 = 3$

$0 + 4 = 4$

$1 + 3 = 4$

$2 + 2 = 4$

$3 + 1 = 4$

$4 + 0 = 4$

$0 + 5 = 5$

$1 + 4 = 5$

$2 + 3 = 5$

$3 + 2 = 5$

$4 + 1 = 5$

$5 + 0 = 5$

$0 + 6 = 6$

$1 + 5 = 6$

$2 + 4 = 6$

$3 + 3 = 6$

$4 + 2 = 6$

$5 + 1 = 6$

$6 + 0 = 6$

### Key Vocabulary

What is 3 **add** 2?

What is 2 **plus** 2?

What is 5 **take away** 2?

What is 1 **less than** 4?

You should be able to answer these questions in any order, including missing number questions e.g.  $3 + \bigcirc = 5$  or  $4 - \bigcirc = 2$ .

### Top Tips for Parents/Carers

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these facts while walking to school or during a car journey? You don't need to practise them all at once: perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.

Use practical resources – Your child has one potato on their plate and you give them three more. Can they predict how many they will have now?

Make a poster – We use Numicon at school. You can find pictures of the Numicon shapes here: [bit.ly/NumiconPictures](http://bit.ly/NumiconPictures) – your child could make a poster showing the different ways of making 5 or 6.

Play games – There are number bond pairs questions under 'Quick Start' at <http://www.conkermaths.org/cmweb.nsf/pages/kirfs.html> Have a look at 'Number Questions' and 'Number Bond Pairs'. See how many questions you can answer in just 90 seconds.