

# Number Bonds and Subtraction Fact Challenge



As learning our number bonds and related subtraction facts are so important to being a mathematician, we have created special rewards for those children who learn them!

## **Bronze**

Challenge: Recall and write number bonds to 5 and 10 and related subtraction facts.

Example with bonds and subtraction facts to 5:  $0+5=5$ ,  $1+4=5$ ,  $2+3=5$ ,  $3+2=5$ ,  $4+1=5$   $5-0=5$ ,  $5-1=4$ ,  $5-2=3$ ,  $5-3=2$ ,  $5-4=1$ ,  $5-5=0$

Reward: Bronze certificate to be celebrated in class

## **Silver**

Challenge: Recall and write number bonds to 20 and related subtraction facts applying their knowledge of number bonds to 10.

Reward: Silver certificate to be celebrated by Maths lead with a special Maths sticker

## **Gold**

Challenge: Recall and write some number bonds to 100 and some related subtraction facts applying their number bond knowledge to 10.

Example:  $0+100=100$ ,  $10+90=100$   $20+80=100$  etc...  
 $100-0=100$ ,  $100-10=90$   $100-20=80$  etc..

Reward: Gold certificate to be celebrated in Friday celebration assembly and a special Maths sticker.

Number bonds are simply pairs of numbers which add up to a given number. We use them in our adult life without even realizing. It is ESSENTIAL that children know their number bonds as it is the foundations for adding and subtracting of any size. Children need to know these instantly without having to think therefore lots of practice is needed.

## **How you can help:**

1. Build practice into your daily routines e.g recite number bonds with your child in the car
2. Look, listen and write number bonds and related subtraction facts daily focusing on the Bronze challenge first, working up to the Gold challenge!
3. Share this challenge with your child and encourage them to participate.