



### **How you can help at home with number bonds:**

Make numbers a daily part of even very young children's lives. Singing counting songs, showing them cartoons with number recognition and counting weaved into the story help a lot. However, far more effective is to build numbers into play.

- We use number bonds to 10 all the time to work out change, so ask your child to pay for small items when out shopping, calculating and checking change.
- Look for number bonds when out and about - what would the number bond to 10 be for each house that you pass on your street? What would the bond to 20 be for each bus that you can spot?
- Can you find two cars with a number bond to 10 hidden in their number plates?
- Try the Save the Whale and Number Fact Bingo games online at [ictgames.com](http://ictgames.com).
- As your child becomes more confident, open-up challenges to get them thinking about different ways to make a total (really useful for problem solving) - eg. How many different ways could you make 20?

## **Holtsmere End Infant & Nursery School**



**Happy learners, Aiming high**

## **Year 1 Maths Homework**

## Maths Challenges

### Number Bonds

One of the most important sets of number facts is 'number bonds'. A number bond is a pair of numbers that add up to another number. The number bonds for 5 are – 0 + 5, 1 + 4, 2 + 3 or 3 + 2. A child who learns these sums add up to 5 will quickly see that if you reverse them to 5 + 0, 4 + 1, 3 + 2 or 2 + 3 they also make 5.

Knowing addition number bonds means that your child will understand subtraction with ease. If they know that  $3 + 2 = 5$ , they will quickly realise that when they see  $5 - 2 = ?$ , the answer is 3 because by a process of elimination 3 is the missing number in this number bond.

Number bonds are the foundation blocks your child needs to progress with maths.

At Holtsmere Infant and Nursery School we reward your child's commitment to learning number facts as part of our maths challenge. The rewards are as follows:

Number bond challenges	Reward
Completion of one number bond strip	1 house point and tick
Completion of five number bond strips	stamp
Passing number bonds to 5 test	sticker
Passing number bonds to 10 test	pencil
Passing number bonds to 20 test	certificate to recognise achievement of passing all number bonds

If you have any questions regarding the maths challenge, please ask your child's teacher.

