

## Number Bonds

**Warm up**

Play 'run to the number'. Make a grid with chalk or written numbers. Call out a number and run to the different numbers.

**Activities**

Watch the Numberblocks video 'Ten again'

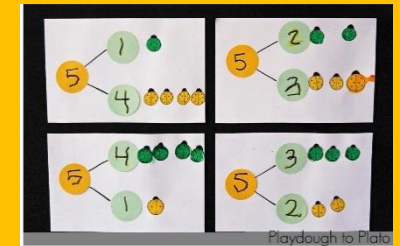
<https://www.bbc.co.uk/iplayer/episode/b0bn5k6h/numberblocks-series-3-ten-again>



Explain that we are learning about number bonds to 5 and 10 today. These are two numbers that add together to make 5 or 10! They are pairs or 'friends' that add up to 5 or 10 altogether.

Find a selection of 5 objects e.g. 5 cubes, 5 pieces of Lego, 5 pencils etc.

Split into two groups. How many are on each side. Explain that we can split 5 in lots of different ways (show part-part whole template). How many ways are there?

**Number bonds to 10**

- $0 + 10 = 10$
- $1 + 9 = 10$
- $2 + 8 = 10$
- $3 + 7 = 10$
- $4 + 6 = 10$
- $5 + 5 = 10$
- $6 + 4 = 10$
- $7 + 3 = 10$
- $8 + 2 = 10$
- $9 + 1 = 10$
- $10 + 0 = 10$

Next, practise with 10 objects. How many ways can we split 10? Watch this video as a demonstration:

[https://www.youtube.com/watch?time\\_continue=29&v=8eIdHzSdAOs&feature=emb\\_logo](https://www.youtube.com/watch?time_continue=29&v=8eIdHzSdAOs&feature=emb_logo)

Practise using a ten frame and placing objects in the squares as shown in this video:

[https://www.youtube.com/watch?time\\_continue=78&v=uTV90sZdLoE&feature=emb\\_logo](https://www.youtube.com/watch?time_continue=78&v=uTV90sZdLoE&feature=emb_logo)

Use a ten frame and place one object in the first square. How many more to make 10? Model counting the squares and finding the corresponding number e.g. 7 add 3 = 10. Orally rehearse these pairs as you go e.g. "So you have found that 2 and 8 go together.  $8 + 2 = 10$ !"

