



This half term the children are working towards achieving their individual KIRF targets, indicated below. The ultimate aim is for your child to be able to recall these facts *instantly!*

## Know number bonds for each number to 20.

### Helpful hints:

- Use objects to consider the bonds in a practical way.
- Look at the patterns with both objects and numbers e.g. as one number increases the other one decreases.
- Practise with the numbers in order **AND** chosen randomly - remember the aim is for your child to be able to respond immediately.

### Number Bonds

\*Use practical resources: Your child has one lego brick, how many more will you need to give them to make 10?

\*Make a poster: We use Numicon at school. You can find pictures of the Numicon shapes here:

<https://cdn.oxfordowl.co.uk/2016/06/24/11/58/55/181/NumiconFFOnlinePCM09.pdf>

\*Your child could make a poster showing the different ways of making 10 or 20.

\*Play games: You can play number bond games 'make 10' & 'make 20' online at:

<https://www.topmarks.co.uk/maths-games/hit-the-button>

### Key Vocabulary

*Add*

*plus*

*take away*

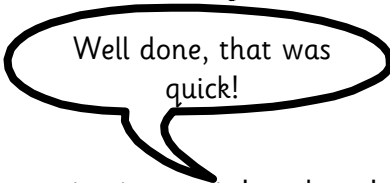
*total less than*

*altogether*

*How many more to make?*



Twenty teddies are sitting on a shelf. 15 fell off. How many are left?



### Make it fun!

#### Number bonds to 10:

#### Number bonds to 20:

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

- $0 + 20 = 20$
- $1 + 19 = 20$
- $2 + 18 = 20$
- $3 + 17 = 20$
- $4 + 16 = 20$
- $5 + 15 = 20$
- $6 + 14 = 20$
- $7 + 13 = 20$
- $8 + 12 = 20$
- $9 + 11 = 20$
- $10 + 10 = 20$

Building confidence in mathematics is crucial so be pleased with your child's efforts and always encourage with praise. Make sure these practice sessions are enjoyable - if your child is really not in the mood it is the wrong time to be practising!