



Numeracy and Mathematics

Number Bonds

Handy Tips Guide



Dear Parent/Carer,

This Guide is intended to help you work with your child at home. It offers examples of how to support your child's acquisition of core Number Bonds in a variety of different ways.

Number Bonds form the basic building blocks, upon which all arithmetical calculations depend. It is essential that children have accurate and speedy recall of number bonds to enable them to make good progress in Mathematics. Your help in practising at home will make a big difference for your child.

We hope you find the booklet useful useful.



Games to help practise number bonds

Ball Bounce- Pass a ball to a partner as you say a calculation. Your partner should then pass the ball back saying the answer. Repeat with other calculations.

Make a number- Choose a target number. Say all the calculations you know to make that number. Repeat for other numbers.

Find the missing number- Say a calculation such as $3 + \text{*} = 8$. Now say the missing number. Repeat with other examples.

Opposite facts- Say an adding fact, such as $4 + 3 = 7$. Now say the opposite fact eg. $3 + 4 = 7$

Number Bonds Bingo- Write a range of numbers on a sheet of paper or white board. Now say some calculations and cross off any that make the totals.

Beat your own score- Use a timer. See how many number bonds you can recall correctly within a given time, such as a minute. Repeat and try to improve your score.

Number Bonds Sort- Sort a set of number bonds cards into piles that make the same answers.

Tricky Triangles- Draw triangles on a sheet of paper or white board. Put two numbers that add together on the bottom two corners and the total on the top. Leave one of the numbers missing for your partner to solve.

Dice Game- Use two dice at a time. Throw both dice and add the totals together. Repeat for other combinations, adding as quickly as you can.

Number Machine- Draw a number machine on a white board or piece of paper. Add a function eg. $+5$. Apply to different numbers saying the totals. Change the function of the number machine and repeat.

Useful Websites

Please find below details of some online games and activities to enjoy with your child.

Number Facts:

<http://mathszone.co.uk/number-facts/number-bonds-to-10/>

Alien Pairs:

<http://www.iboard.co.uk/activity/Alien-Pairs-to-10-733>

Hit the Button game:

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

Number Fact Bingo:

<http://www.ictgames.com/numberFactsBingo/index.html>

Math Playground:

http://www.mathplayground.com/number_bonds_10.html

Save the Whale:

http://www.ictgames.com/save_the_whale_v4.html

Funky Mummy

<http://www.ictgames.com/funkymum20.html>

Make 20

http://www.mathplayground.com/number_bonds_20.html

Repair the Slide

<http://www.topmarks.co.uk/Flash.aspx?b=maths/addition>

Hit the Button

<http://www.wmnet.org.uk/resources/gordon/Hit%20the%20button%20v9.swf>

Number Bond Generator

<http://www.amblesideprimary.com/ambleweb/mentalmaths/numberbond.html>

