



For helping your child learn their number bonds

Children should know the pairs of numbers that make 10 by heart → Children should know the pairs of numbers that make 20 by heart → Children should know or work out using what they know the pairs of numbers that

1. use fingers or objects to check number bonds - 4 fingers up, 6 fingers down, 18 red marbles, 2 green marbles.
2. Separate 10 or 20 objects in different ways - "if I have 14 pieces of lego, how many must you have?"
3. Sing number bond songs e.g. 'What makes 10' to the tune of Pop goes the Weasel - sing these songs in the car, when tidying up, while getting ready for school etc
4. Play 'Rock, Paper, Number Bond'. You hold up and say a number of fingers - your child holds up and says the number of fingers that added to it makes 10.
5. Play 'Quick Fire Number Bonds'. You say a number and your child replies with the number that added to it makes 10/20/100. Try playing competitively and scoring points against each other or seeing how many your child can do within 1 minute.
6. Play 'Number Bond Snap'. Write numbers on pieces of paper or use playing cards. Take it in turns to turn over a number - call "snap" when 2 numbers that make 10/20 are placed on top of each other.
7. Play 'Number Bond Pairs'. Write numbers on pieces of paper or use playing cards. Take turns to turn over 2 numbers, if they make 10 keep them; the winner has the most pairs at the end of the game.
8. Play 'If I know, then I know...' See how many facts your child can work out from a simple fact in a given amount of time e.g. If I know $3 + 7 = 10$, then I know $7 + 3 = 10$, $10 - 7 = 3$, $10 - 3 = 7$, $17 + 3 = 20$, $30 + 70 = 100$, $100 - 70 = 30$.
Alternatively give your child the answer e.g. 20 and ask them to write as many questions as they can to go with it.
9. use Apps such as 'Number Bond Blasters' or 'Hungry Fish'. There are lots of apps specifically designed to support number bond recall simply search 'number bond' or 'primary maths' - many are free!
10. Play online games such as:
<http://www.ictgames.com/numberFacts.htm>
<http://www.iboard.co.uk/iwb/Alien-Pairs-to-10-733>
<http://www.amblesideprimary.com/ambleweb/mentalmaths/numberbond.html>
http://www.mathplayground.com/number_bonds_10.html
<http://www.ictgames.com/10pipe.html>

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