

To know all the pairs of numbers that add up to 10 and then 20.

- Use a Rainbow Bonds to 10 image (Google it – there are plenty) to help you get started on the ladder learning the pairs to 10.
- Write the numbers from 0 up to 10 on separate cards (you will need two 5's). Place the cards face down and play Pairs. Take it in turns to turn over 2 cards and if they total 10 then you have made a pair. Repeat the game with the numbers to 20 as you progress up the ladder (you will need two 10's then).
- Explore missing number problems such as $8 + ? = 10$ and $? + 4 = 10$. This will help your child to embed their understanding of the pairs to 10. Move onto pairs to 20 when ready.
- <http://www.topmarks.co.uk/maths-games/5-7-years/addition-and-subtraction> Play Alien Pairs to 10, Number Bond Machines, Ways to Make..... all games that help you to learn the pairs of numbers that make 10.
- http://www.mathplayground.com/index_addition_subtraction.html Play number Bonds to 10, Number Bonds to 20, Number Pairs 10 (lets you choose target number)
- <http://www.ictgames.com> Play Funky Mummy or Funky Mummy 20 to practice addition facts

Extensions for when you have achieved ALL the skills.

- Learn the subtraction facts for the numbers up to 20 Eg, if you know that $17 + 3 = 20$ then you know that $20 - 17 = 3$ and $20 - 3 = 17$.
- When you know all the pairs of numbers that make 10, use them to help you learn the pairs of multiples of ten that make 100 (Eg, if you know $3 + 7 = 10$ then you can learn that $30 + 70 = 100$)
- Learn the pairs of numbers that add up to EACH number up to 10 (Eg, to know the pairs that add to make 9, the pairs that add to make 8 etc.)