

## To know and use multiplication and division facts for the 2 times table and make the link between these facts and doubles and halves.

- Make a set of cards with the multiplication facts on some and the answers on the others. (so you need 24 cards with each of the following written on them:  $2 \times 0$   $2 \times 1$   $2 \times 2$   $2 \times 3$   $2 \times 4$   $2 \times 5$   $2 \times 6$   $2 \times 7$   $2 \times 8$   $2 \times 9$   $2 \times 10$  0 2 4 6 8 10 12 14 16 18 20) Play pairs with them, getting your child to match the questions with the answers. Try hiding the questions around a room and get your child to hunt for them. Have the answers laid out and get your child to match the question card they find to the answer as quickly as possible. Or play a pairs game where all cards are face down and you take it in turns to turn 2 over to find a question and answer that match.
- You can repeat the above activity with another set of cards with the division facts written on them (20 cards with the following:  $20 \div 2$   $18 \div 2$   $16 \div 2$   $14 \div 2$   $12 \div 2$   $10 \div 2$   $8 \div 2$   $6 \div 2$   $4 \div 2$   $2 \div 2$  10 9 8 7 6 5 4 3 2 1). Remember to read division in a variety of ways and ensure that your child understands that they all mean the same (Eg,  $14 \div 2$  can be read as '14 divided by 2' '14 shared by 2' 'half of 14' 'how many 2's are in 14'). If your child knows their halving facts it will be easier for them to read it as 'half of...'. If not then reading them as 'how many 2's are in...' will support the idea that they can count in 2's up to the start number and see how many 2's they counted in order to find the answer.
- Use the vocabulary '2 times' as well as 'double' so that it becomes clear to your child that they are the same. Likewise use the vocabulary of 'divided by 2', 'shared by 2' and 'half of' when learning the division facts. It is important to make the connection between the x facts and the division facts to help children see the links

**On the Internet:** All these games allow you to choose the times tables that you wish to practise. <http://www.topmarks.co.uk/maths-games/5-7-years/times-tables> Play Hit The Button, Learn Your Tables, <http://www.maths-games.org/times-tables-games.html> Play Fishy Times Tables, Cloud Multiplication, Spitfire tables game.

### Extensions for when you have achieved ALL the skills.

- Use the facts that you have learnt to help you work out other facts. (EG, if you know  $2 \times 6 = 12$  then you can use this to help you work out  $2 \times 60$ . If you know that half of 14 is 7 you can use this to work out half of 140, or even half of 146)
- Use the facts you have learnt to determine if other statements are or are not true (EG, Could  $57 \times 2 = 110$ ? Could  $2 \times 43 = 83$ ? Could  $82 \div 2 = 40$ ?)