



Cracking Times Tables at West Croft

Times tables (as well as addition, subtraction and division facts) are the building blocks for many more complicated calculations so it is helpful if these can be learnt as facts instead of calculations. Once children understand that multiplication is repeated addition ($3 \times 4 = 4 + 4 + 4$), they are then ready to learn the times tables as facts. This makes larger calculations and problem solving a much quicker and more efficient process.

- The children will use the programme daily in class as it is very successful and highly motivating for them to progress through the 23 levels
- Children from Year 2 upwards will be tested 3 times a week.
- The children will know which level they are working on and will be expected to practise these times tables at home with your support (ideally for 10 minutes a day).
- We will celebrate the children's achievements and reward them with certificates for each level cracked.

How the levels work

The learning and testing are based around a series of levels. Each child is given 3 minutes to complete their test. The tests become progressively more difficult as the children move through the levels.

How you can help your child learn their times tables

Children often find learning multiplication facts difficult. Different ways of learning them suit different children. Remember the way you learnt may not be the best way for your child. Here are some ideas;

- Remind your child that you can complete multiplication facts in any order. So that as soon as you have learnt that $5 \times 7 = 35$, you know that $7 \times 5 = 35$.
- Have times tables displayed around your house e.g. on the fridge, along with facts which your child finds hard to remember e.g. $7 \times 8 = 56$.
- Say the times tables out loud or to a rhythm or tune.
- Give your child quick fire tests or play "times tables ping pong" e.g. in the 2 times tables ping pong, you "hit" the number 4 with your imaginary bat to your child who "hits" back with 8 and so on. Your child scores a point every time they hit back the right answer.
- Play "Times Tables Rock Stars". All children will have their own unique login and password for this.



Level	Times Tables Tested	Number of questions
1	2	10
2	2, 10	15
3	2, 10, 5	20
4	2, 10, 5, 4	25
5	2, 10, 5, 4, 8	30
6 (End of year 2)	2, 10, 5, 4, 8, 3	35
7	2, 10, 5, 4, 8, 3, 6	40
8	2, 10, 5, 4, 8, 3, 6, 9	45
9 (End of year 3)	2, 10, 5, 4, 8, 3, 6, 9, 7	50
10	2, 10, 5, 4, 8, 3, 6, 9, 7	100
11	Times Tables to 10x10 and associated division facts	40
12	Times Tables to 10x10, associated division facts, squares and square roots	60
13 (End of year 4)	All tables up to 12x12	40
14	All tables up to 13x13	50
15	All tables up to 14x14	50
16 (End of year 5)	All tables up to 15x15	60
17	All tables up to 16x16	70
18	All tables up to 17x17	80
19	All tables up to 18x18	90
20 (End of year 6)	All tables up to 20x20	100
21	All tables up to 20x20, and decimals	30
22	All tables up to 20x20, associated division facts, decimals, squares and square roots	30
23	All tables up to 20x20, associated division facts, decimals, squares and square roots	30