Churwell Primary School

Learn. Aspire. Achieve

Churwell Primary Academy

KS1 Parent's Guide to Number Facts and Timestables

×	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

The importance of number facts and times table knowledge

- Knowing number facts and times tables facts is crucially important to your child's progression in their mathematics education.
- Without a deep understanding of number facts and multiplication and division facts, children frequently get 'lost' when it comes to do anything with fractions and any multiplication or division with larger numbers.
- Many mental maths activities and tests require a quick recall of addition, subtraction, multiplication and division facts.
- Children who are secure in their number facts and times tables knowledge are able to get to grips with trickier tasks straight away and are far more successful.
- 'Knowing' number facts and times tables means a child who will be able to recall any of the multiples of a times table out of order within 3 seconds, as well as knowing the matching division facts i.e. 4 x 6 = 24 as well as 24 ÷ 6 = 4.
- **Learning multiplication facts and tables are most effective when there is collaboration with school, parents and children**. In school we regularly spend time learning number facts and times tables, but a child will be much more successful if they practise outside school independently and alongside parents.

Number Facts and Times table expectation for your child

Below are the times tables and other number facts your child should know as a minimum by the end of each academic year. This is in line with national expectations.

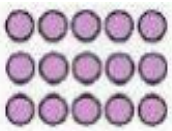
Reception: When counting objects, children should be able to group in twos, fives and tens and record the total.

Year 1: Counting confidently in steps of twos, fives and tens (e.g. 2, 4, 6, 8 etc.) and identify any missing multiples in a given sequence. Know by heart doubles and halves to 10. Recall number bonds and related subtraction facts confidently to 10.

Year 2: Recall of 2,5 and 10 multiplication and division facts. Draw and use arrays to solve multiplication problems. Count in steps of 3. Know by heart doubles and halves to 20. Recall and use addition and subtraction facts to 20 fluently

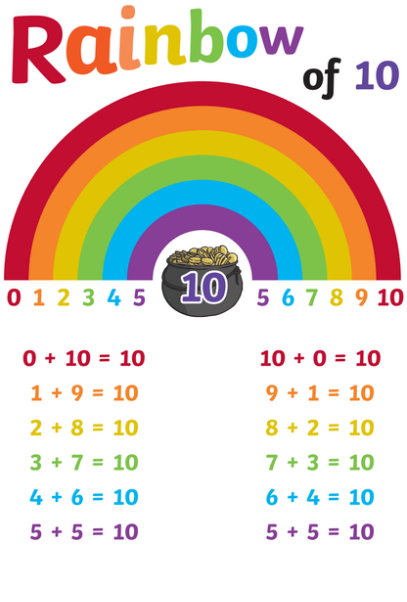
Array – As shown, an array is a visual representation of multiplication.

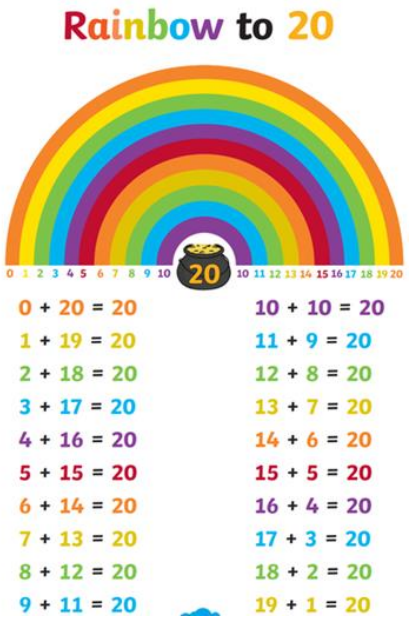
Shown are 3 rows of 5 with 15 in total.



Shown are 5 rows with 15 in total

Number Facts





Little and Often

The Key to learning number facts and times tables is frequent repetition and regular revision. 5 to 10 minutes every day is better than an hour a week. Here are some ideas to help your child memorise their key facts.

Chanting – Have your child chant out loud the times tables. This could be the whole number sentence '2 times 3 equals 6, 2 times 4 equals 8…' or it could be just the number sequence '2, 4, 6, 8 …'.

Have fun with it! See if they can do it in different voices like the robot, like a parrot or a silly voice. Can they shout it out loud, can they whisper it?

Purple Mash also has an interactive version of this (and a whole Maths section full of fab games).

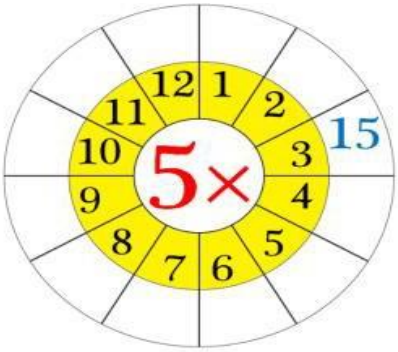
purple mash
Home

Mathematics

Children from Year 2 upwards have their own personal Times Table Rockstars login. This online platform gauges your child's speed and knowledge and presents them with questions on the times tables they need to work on.

Bingo-Write the multiplication questions on separate pieces of paper and place in a bowl. Make a 4 by 3 square bingo card each and write 9 of the answer numbers onto it. Take it in turns to draw a question out – if the answer's on your card, cross it off. The winner is the first to cross off all their answers.

Number wheel- Create a number wheel like the one below and see how quickly the can fill it in. To make it a fun challenge, mix up the numbers 1-12 in yellow.



Rhymes- There are lots of downloadable rhymes and songs online. Here are few ideas:

Online resources-
https://www.topmarks.co.uk/maths-games/hit-the-button
https://tablestest.com/
https://www.transum.org/Tables/Times_Tables.asp
https://www.coolmathgames.com/1-number-games

Quick question anywhere-
Fire questions at your children anywhere and everywhere! Take them by surprise and see how quickly they can respond

Top Times Table Hints

Two Times Table

Any number multiplied by two is double the number. 7 x 2 =14 7 + 7 = 14 double 7 is 14

Five Times Table

All multiples of 5 end in five or zero. For even numbers (e.g. 8 x 5) you can halve the number (4) and then put a zero after it (40). For odd numbers (e.g. 7 x 5) you can subtract one from the number (6), halve it (3) and then put a 5 after it (35). Any odd number times 5 ends in a 5. Any even number times 5 ends in 0.

Ten Times Table

All the digits in the ten times table end in zero