

Universal Strategies for teaching times tables at home

Play the 123 game

This can be played for any time table and involves each person saying 1,2 or 3 numbers in the times table. The player who says 12 x that number is out e.g. if you are doing the 3 x table, if you say '36' you are out, for the 4 x table, '48' is out etc. This can be played as a two or a group.

Display the calculations around the house

Choose a focus times table and put individual calculations up on the wall around the house so your child sees them frequently e.g. as they go upstairs, by the dinner table, next to the TV?

Times table Apps for an Ipad or phone

There are a number of free Apps available to download for students to play times table games on. Please ensure that parental locks are in place when using these.

x	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

TTRS, Purple Mash and Mathletics

All students should have a log in for these websites so they can use them to practice their times tables. If you do not know the passwords, please email school for them.

Online maths games

There are a variety of fun times table games on the Topmarks website which can be played on a computer, laptop, Ipad or phone. You can access the 'Hit the button' game by following this link <https://www.topmarks.co.uk/maths-games/hit-the-button>

Games for one!

There are some times tables games that can be played with others but also can be played alone.

1. Cut 12 squares of paper or card and write numbers 1-12 on one side then the answer on the other side e.g. for the 6 x table, the square with 4 on one side will have 24 on the other side etc. Once the game is made, students can time how long it takes them to turn the squares and say the number on the back. It can also be done the opposite way so they are recalling the division facts
2. Diamond nine- this is very like bingo but they create their board first. Begin by drawing two lines down and two across to create the board then roll two dice and multiply by the focus times table and write in the grid. If you roll the same number again you cross it out. You have finished when all numbers are filled and crossed out. Students can race a friend or time themselves and try and beat their own time.

There are videos to illustrate the games on this sheet