



A Parents' Guide to Times Tables



The importance of Times Tables

Times tables are an extremely important building block in the children's mathematical knowledge and are crucial in helping them progress in all areas of maths. Children who know their times table facts are able to answer questions quicker and are able to solve more complex problems without being slowed down by their multiplication and division skills.

Times Table Expectations for Your Child

The National Curriculum expectation for Primary Schools across the UK is that, by the end of Year 4, pupils are capable of recalling all 12 times tables up to 12 x 12.

Year 2: Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables

Year 3: Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.

Year 4: Recall and use multiplication and division facts for all tables up to 12 x 12

What is the Year 4 Multiplication Tables Check?

In June 2022, children in Year 4 will sit a new, national statutory multiplication test. This is an online test and focuses on answering questions on the times tables up to 12 x 12 accurately and at speed. The children will be asked 25 questions on the times tables and are given six seconds per question, with a three second rest between questions.

Learning Times Tables

The key to learning times tables is frequent repetition and regular revision. It is recommended that your child does a little bit of times table practice daily. Short bursts of practice is more effective than spending hours once a week. Here are some ideas to help your child memorise their multiplication and division facts

Chanting: When beginning to learn a times table this is key. Repeatedly reading a times table out loud will help your child become familiar with the multiples for that times table. This could be the whole number sentence '3 times 2 equals 6, 4 times 2 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?

Multiplication Squares: A multiplication square is useful for establishing the link between multiplication and division facts. It can also be used as a times table list to support the learning of the times tables and once the children are more confident a blank multiplication square can be filled in.

x	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

Times Table Bingo: This game will require at least 2 players! Pick a times table and write 6 multiples down from it in a grid. The caller reads out the multiplication questions from the same multiplication table.



Dice Games: Roll a dice and multiply the two numbers together is a good way to compete against each other and to see who gets the correct number first. Two dice can be rolled at once to create all of the questions up to 12×12 .



Multiplication Snap: You will need a deck of cards for this game! Flip over the cards as though you are playing snap. The first to say the fact based on the cards turned over, e.g. 2 and 3 will say 6. The person with the most cards at the end of the game is the winner.



Flash Cards: Use flash cards to practice times tables in and out of order. Go through the cards reading the question and then turning over to see the answer. For an extra challenge why not time yourself!

Times Table Websites

As a school we subscribe to Times Table Rockstars and Maths Shed and every child has their own account.

<https://play.ttrockstars.com/>

<https://play.edshed.com/en-gb/number>



There are also many free multiplication and division games and songs available online:

Games:

<https://www.topmarks.co.uk/maths-games/7-11-years/times-tables>

<http://www.primaryhomeworkhelp.co.uk/maths/timestable/interactive.htm>

Songs:

Mr DeMaio:

<https://www.youtube.com/channel/UCwyVRKfytvjSF6q5s7noKZQ>

Number Rocks:

https://www.youtube.com/results?sp=mAEB&search_query=number+rocks

Supermovers: <https://www.bbc.co.uk/teach/supermovers/times-table-collection/z4vv6v4>

