

TIMES TABLES STRATEGY WORKSHOP

Welcome all



WELCOME!

In this session I aim to...

- Suggest simple yet engaging times tables techniques which you can use with your child at home.
- Discuss raised expectations when it comes to children's ability to recall and use their times tables facts, with particular mention of the introduction of a mandatory national times tables test for Y4 children in June 2020.
- Share and 'have a go' at our 'Times Tables Olympics' scheme.
- Highlight the importance of children being able to recall their link division facts, as well as their tables facts.



COMPULSORY TIMES TABLES TESTING...

- There will be a mandatory national times tables test for Y4 children in June 2020.
- The test will be computer based.

We are giving more time in the school day for times tables testing and rehearsal than ever before in an effort to best prepare our children for these tests. 😊

COMPULSORY TIMES TABLES TESTING...

- As this test is completed on a computer, we have been giving children a chance to 'get to grips' with keying in their answer, as well as the speed in which they are expected to complete the questions.

• <https://www.timestables.co.uk/speed-test/>

- Please use this website at home! 😊

SOME QUICK AND EASY APPROACHES TO TIMES TABLES TESTING AT HOME...

- Most of the approaches I will share with you today are of a calmer, more low-key nature than others available. They are also all used in school, too!
- Even as an adult who is confident in their times tables, being put on the spot can make *some* people's minds blank. Even us teachers!
- Nonetheless, of course there are children who thrive on competition, you know your child best!

PLEASE ALLOW CHILDREN TO USE A MULTIPLICATION SQUARE...

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

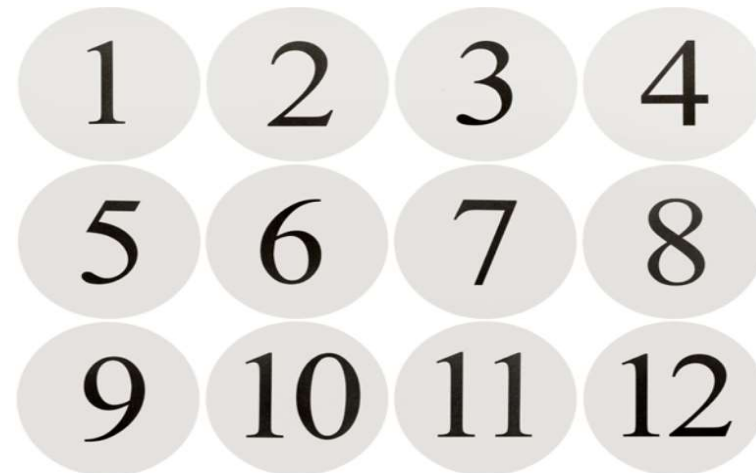
- These games are not deigned to trick, or embarrass any children.
- Throughout the games I will suggest today, a square can be used.
- There is absolutely no shame in the children using a multiplication square until they are confident enough to 'fly solo'!
- Squares are also great for adults to use too...
- How do you use a square?

DIGIT CARD TURNOVER

Create your own scoring system. Best of 3/5/9?

- I admit, it could have a catchier name!
- Ever so simple!
- I have some un-cut cards available to take home for those who want some.

If you have more than one child, this is a super game between siblings!



BING BONG ZONG!

- No resources needed at all... Just voices!



It can end up looking
somewhat like this!
Don't be alarmed,
it's all learning I
promise!

TRY AND TIE-IN THOSE LINK DIVISION FACTS, TOO!

- What is a link division fact?

Well...

$$\text{If } 4 \times 3 = 12$$

The link division facts would be...

$$12 \div 4 = 3$$

$$12 \div 3 = 4$$

So, for example, when playing digit card turnover...

Say I turn over a 7 and my partner turns over a 3, $3 \times 7 = 21$.

I can then quiz my partner on the link division facts by saying...

“Ok, what’s $21 \div 3$? (7)
Also, what’s $21 \div 7$? (3)”

NOW, SOME APPS AND WEBSITES...



You can't do simple maths, not purely times tables but more maths in general.

Adored by my Maths Booster Club.

<https://www.tomscott.com/usvsth3m/maths/>



Particularly appropriate for those children who thrive on competition and 'beating the clock'.

MATHS FRAME...



<https://mathsframe.co.uk/en/resources/category/7/multiplication-and-division>

A wealth of maths games for all areas of the curriculum! Let's focus on multiplication and division for today.

<https://mathsframe.co.uk/en/resources/resource/318/Tommys-Trek-Times-Tables>

They love Tommy's Trek, it feels like Super Mario!

HIT THE BUTTON!

Does what it says on the tin!



<https://www.topmarks.co.uk/maths-games/hit-the-button>

A fantastic tool, especially for link division facts, doubling and halving...

TIMES TABLES OLYMPICS, WHAT IS IT ALL ABOUT?

- Various levels...
- Twice a week...
- All answers fully correct three times (not necessarily in a row) to move up to next level...
- Stickers on record cards...
- Move up the chart...

REWARDS...

- Once children have reached their 'end of year goal', they receive a special certificate and a trophy 😊

End of Y3 goal – Bronze

End of Y4 goal – Silver



WHY DO WE DO IT?

- It puts an emphasis on the importance of times tables and link division facts.
- It inspires and motivates children to work their way up the chart.
- It gives children, regardless of their general ability in maths, chance to shine!

Let's have a go!



LET'S GET GOING

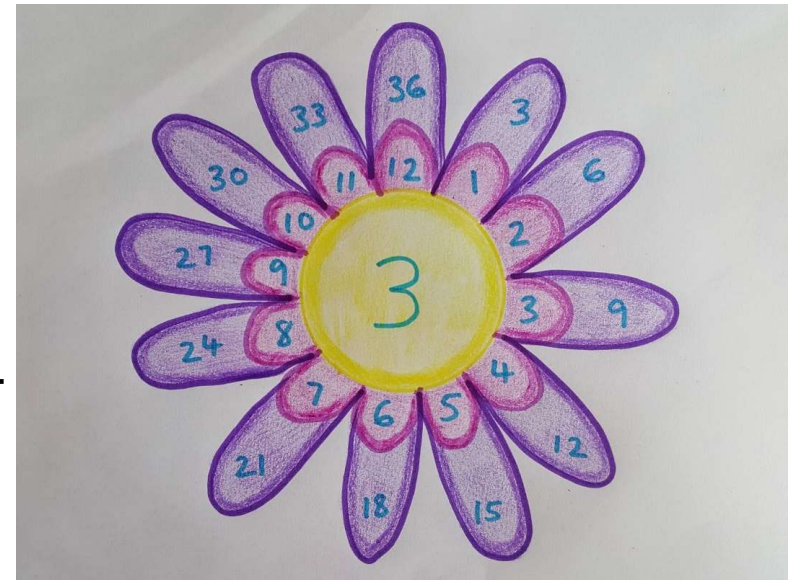
TIMESTABLES STICK...

<https://www.youtube.com/watch?v=yXdHGBfoqfw>

Let's have a go!

DRAW A WALDORF MULTIPLICATION FLOWER...

One for the creative kids. Children start this activity by drawing the centre of the flower, in which they write a number between 2 and 12. They then draw 12 petals around the centre, with each petal containing the numbers 1 through 12. The last step is to draw another set of 12 petals which contain the centre number multiplied by each petal in the inner circle.



WE HAVE REACHED THE END OF THE WORKSHOP.



YOUR FEEDBACK IS MUCH APPRECIATED...

