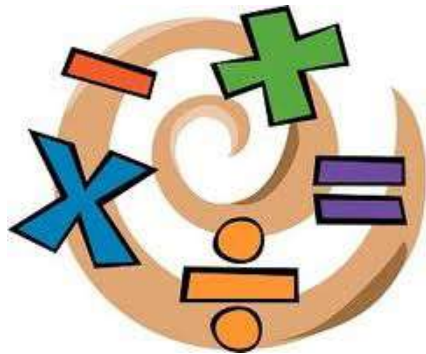


Gusford Primary School
Year 2 Times tables games and strategies.

We are having a big push this term in year 2 on learning times tables! We often get asked at parents' evenings what can be done to help children at home with their maths- learning times tables is a brilliant way of helping your child and it really can make a huge difference.



By the end of year 2 children are expected to know the 2, 3, 5 and 10 times tables. A times table will remain a target table, until a child knows the number facts in order and out of order.

Learning tables

I'm sure we all remember learning our tables at school. Learning by rote is one strategy, but there are also other activities we can do with children to help them learn their tables.

The aim of this booklet is to show you some strategies we use in school and that you could try at home to help children with their tables. We hope you find it useful.

Tables

We learn the times tables in the order they are laid out in this booklet. Where possible we make links to other number facts, for example times 2 is the same as doubling.

$0 \times 10 = 0$

$1 \times 10 = 10$

$2 \times 10 = 20$

$3 \times 10 = 30$

$4 \times 10 = 40$

$5 \times 10 = 50$

$6 \times 10 = 60$

$7 \times 10 = 70$

$8 \times 10 = 80$

$9 \times 10 = 90$

$10 \times 10 = 100$

$11 \times 10 = 110$

$12 \times 10 = 120$

$0 \times 2 = 0$

$1 \times 2 = 2$

$2 \times 2 = 4$

$3 \times 2 = 6$

$4 \times 2 = 8$

$5 \times 2 = 10$

$6 \times 2 = 12$

$7 \times 2 = 14$

$8 \times 2 = 16$

$9 \times 2 = 18$

$10 \times 2 = 20$

$11 \times 2 = 22$

$12 \times 2 = 24$

Perfect practice

- It only needs to be a couple of minutes

Walking to school * Going on a journey * Going up/down the stairs (answering a question to go up or down) * Before taking a biscuit out of the jar! * While helping set the table/collect the dishes * Sitting in the bath * Just before going to bed *

$0 \times 5 = 0$

$1 \times 5 = 5$

$2 \times 5 = 10$

$3 \times 5 = 15$

$4 \times 5 = 20$

$5 \times 5 = 25$

$6 \times 5 = 30$

$7 \times 5 = 35$

$8 \times 5 = 40$

$9 \times 5 = 45$

$10 \times 5 = 50$

$11 \times 5 = 55$

$12 \times 5 = 60$

$0 \times 3 = 0$

$1 \times 3 = 3$

$2 \times 3 = 6$

$3 \times 3 = 9$

$4 \times 3 = 12$

$5 \times 3 = 15$

$6 \times 3 = 18$

$7 \times 3 = 21$

$8 \times 3 = 24$

$9 \times 3 = 27$

$10 \times 3 = 30$

$11 \times 3 = 33$

$12 \times 3 = 36$

Superfingers

This is a game for two players! The game is basically a version of rock, paper, scissors but with numbers. Two players count to 3 and then make a number using their fingers. Both players then have to multiply both numbers together and the quickest wins.



Rhyme time

Silly rhymes can help children learn tricky tables, e.g.

$3 \times 3 = 9$ Swing from tree to tree on a vine, three times three is nine.

Bingo

This game will need 2 players! Make a grid of six squares on a piece of paper and ask your child to write a number in each square from the target tables. Give them a question and if they have the answer, they mark them off. First one to mark off all their numbers is the winner!



Looking for patterns

Being able to spot the patterns in numbers is an important skill and can also help with learning times tables. Children can investigate these multiplication rules:

Odd number x odd number = odd number (E.g. $3 \times 5 = 15$)

Even number x even number = even number (E.g. $4 \times 2 = 8$)

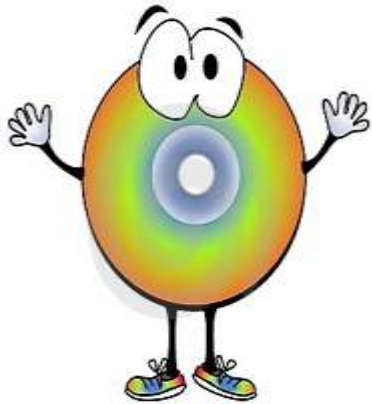
Odd number x even number = even number (E.g. $6 \times 3 = 18$)

Flash cards

Once children know the times table facts in order, they can use flash cards to practise the facts out of order. They could just use them to answer questions, or for an extra challenge, try it against the clock! Flash cards could also be stuck around the house to help children learn the facts!

Sing a song

Singing tables can be a really good way for the children to learn. These can be found on the internet or most book shops will have CD's of times table songs that the children can sing along to, or you could always make up your own to a known tune!



Speed tables

Time challenges can be a really good way of helping times tables become automatic. Some ideas we use in school are:

- Measuring the time it takes to write the tables, then trying to beat the time.
- Seeing how many times you can write that table in 1 minute.
- Race/challenges against other people.



Awesome Apps

Free apps for Apple devices (iPad or iPhone)

'Times table cloud click game' * '100 squares calc' * 'Multiplication genius' * 'Times tables for kids: Practice and test' * 'Maths for kids' * 'Meteor Maths'

Free apps for Android devices (tablet or phone)

'Times table game' * 'Times table Guru' * 'Challenging timestable' * 'King of Timestable' * 'Multiplication table'

Wonderful websites

Woodlands Junior School - Interactive games <http://www.woodlands-junior.kent.sch.uk/maths/timestable/interactive.htm>

Woodlands Junior School - Practice quizzes <http://www.woodlands-junior.kent.sch.uk/maths/timestable/index.html>

Maths Games - Interactive games <http://www.maths-games.org/times-tables-games.html>

Mad 4 Maths - Interactive games
http://www.mad4maths.com/multiplication_table_math_games/

CrickWeb - Interactive Games
<http://www.crickweb.co.uk/ks2numeracy-multiplication.html>

Times Table Square

The times table square could be used for:

- Revising tables
- Exploring patterns
- Checking answers in independent work

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