



Times Tables

Harlington and Sundon
Lower Schools

January 2026



Our Aim

For **all** children to be fluent in all times tables by end of Year 4.

Why are Times Tables important?

Mastering times tables is one of the most significant unlocks in a child's education. Think of it similar to learning Phonics.

1. It frees up brain power!
2. It's key in future Maths learning.
3. Builds Maths confidence and fluency.
4. Real world confidence.

What does **fluent** mean?

A deep conceptual understanding.

An ability to recall accurately and rapidly.

It is not just repeating back the fact.

It is about flexibility, efficiency and accuracy.

A deep conceptual understanding

- Understanding the meaning of operations and their relationships to each other.
- For example **commutativity**, **inverse** and multiplication as repeated addition
- $4 \times 6 = 24$ so $6 \times 4 = 24$
- If $4 \times 6 = 24$ then $24 \div 6 = 4$
- $4 \times 6 = 6+6+6+6$
- $6 \times 4 = 4+4+4+4+4+4$

Flexibility and Efficiency

- Knowing facts and how they relate to each other
- If we know this what else do we know?
- $4 \times 5 = 20$ so I know $4 \times 50 = 200$
- Molly has 2 baskets with 6 apples in each. How many apples does she have altogether?
- Do I need to know my 6 times tables?

When do we teach times tables?

Year Group	Times Tables Explicitly Taught
Year 2	2,5 and 10
Year 3	3,4 and 8
Year 4	6,7,9,11 and 12

However, foundational knowledge for Times Tables is taught as early as Reception!

Times Tables in EYFS

- Children will engage in a wide variety of songs and rhymes, games and activities that introduce the concept of counting in multiples. They will engage in practical activities that introduce the concept of doubling.



'Three apples for you and three apples for me. How many apples altogether?'



The animals went in two



Ten fat sausages sizzling in a pan

Times Tables in Year 1

- In Year 1 children are introduced to counting in groups of the same size. They will use vocabulary associated with multiplication in practical contexts. By the end of Year 1, children will be able to count in multiples of 2, 5 and 10.



'Six pairs of socks.
How many socks altogether? 2, 4, 6, 8, 10, 12'

Times Tables in Year 2

- In Year 2 children will look at multiplication as repeated addition and begin to use language such as 'groups of', 'lots of', 'times' and 'multiply'. Children will be able to recall their 2, 5 and 10 times tables by the end of Year 2.

Combining Groups (repeated addition):



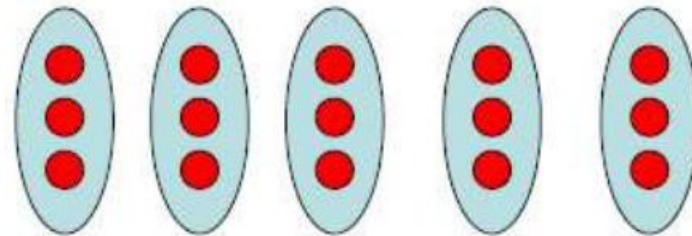
'3 groups of 10 crayons'

'How many crayons altogether?'

' $10 + 10 + 10 = 30$ '

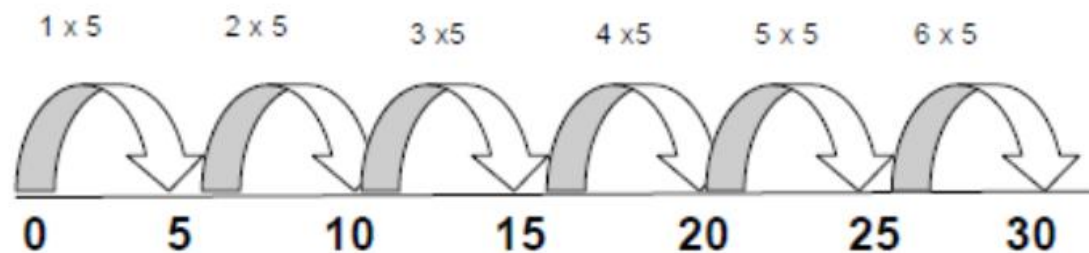
'3 groups of 10' '3 times ten'

$$6 \times 5 = 30$$



'5 groups of 3' '5 lots of 3' ' $3 + 3 + 3 + 3 + 3 = 15$ '

' $5 \times 3 = 15$ ' ' $3 \times 5 = 15$ '



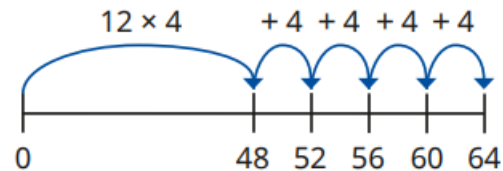
Times Tables in Year 3

- In Year 3 children will learn the 3, 4 and 8 times tables. They will make links between multiplication and related division facts as well as look into how the 4s and 8s and 3s and 6s are linked. As well as learning to recall, they will develop a deep understanding of how multiplication works.

18		
6	6	6

Amir is working out 16×4

He starts from 12×4 and counts up four more 4s.

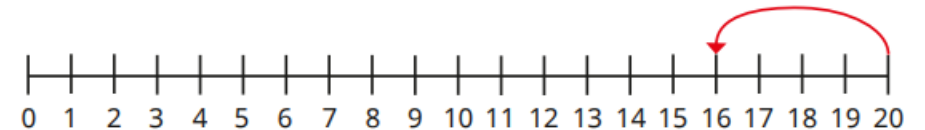


How many different methods can you think of to calculate 16×4 ?

- Scott has 20 sweets and some bags.

He puts 4 sweets in each bag.

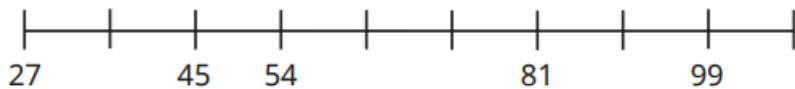
Use the number line to help you work out how many bags Scott can fill.



Times Tables in Year 4

- In Year 4, that deepening of understanding, the ability to make links and problem solving will continue, with a focus on developing recall in the 6, 7, 9, 11 and 12 times tables. By the end of Year 4, children should be able to recall all times tables with speed in order to complete the Multiplication Tables Check.

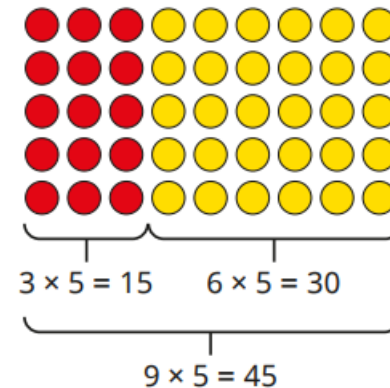
- Complete the number line to show counting in multiples of 9



What does the bar model show about the connection between the 3 times-table and the 9 times-table?

3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9

Dora has made an array to show 9×5



I can see that 9 lots of 5 is equal to 3 lots of 5 plus 6 lots of 5



Statutory Multiplication Check



- Taken by all children in Year 4 in June.
- The purpose of the check is to determine whether your child can fluently recall their times tables up to 12, which is essential for future success in mathematics.
- It is an on-screen check consisting of 25 times table questions. Your child will be able to answer 3 practice questions before taking the actual check. They will then have 6 seconds to answer each question. On average, the check should take no longer than 5 minutes to complete.

Statutory Multiplication Check

00:02

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5 x 8 =

1

2

3

4

5

6

7

8

9

<-

0

Enter

Useful hints and tips

Hints!

Times Table	Hint
2 x table	Answer is always double the given number
3 x table	Answer always adds up to 3, 6 or 9
4 x table	Answer is double, then double again
5 x table	Answer always ends in 5 or 0
9 x table	Answer always adds up to 9*
10 x table	Answer is always sequence number with 0 on the end
11 x table	Answer is always repeat digits**

* Rule doesn't apply to 11×9

** Rule doesn't apply to 11×11 and 11×12

How can parents support learning at home?

- Help children to learn the facts!
- Begin in order 'one three is three', 'two threes are six'
- Move onto mixed order.
- Practise chanting **AND** writing them out.
- Try the inverse $12 \times 12 = 144$ so $144 \div 12 = 12$
- Missing boxes! $6 \times \boxed{?} = 24$
- The answer is ... what is the question
 - 24
- Quick fire questions
- Play games
- Practise under timed conditions for the times table challenge
- **IT'S OK TO TEACH AHEAD!**

How can parents support learning at home?

- Ways to extend

Scaling

$$40 \times 6 =$$

$$400 \times 6 =$$

$$0.4 \times 6 =$$

Move on to multiplication past 12x, but only using mental strategies

Give me a silly answer

If we know this, what else do we know?

Useful websites and Apps

<https://ttrockstars.com/>

www.interactive-resources.co.uk

www.timestables.co.uk

www.mathsframe.co.uk

www.topmarks.co.uk/maths-games/hit-the-button

Apps

Times Tables and Friends

Hit the Button Maths

Squeebles Times Tables 2

2 x 2 Simulator





Thank you for coming to the
session today!

Any questions?

