



# KNOWLEDGE ORGANISER: Maths- Number Year 4 Spring 1

## Key Vocabulary

Calculate	Solve a mathematical problem
Multiplication	Multiply a number or item
Division	Divide into equal parts
Equivalent	Equal in value
Grid	Pattern of squares
Perimeter	Outermost distance
kilometre	1000 metres
Grid	Squared pattern
Length	Distance between 2 points
Rectilinear	Rectangular shape
Polygon	Multi-sided 2D shape
Factors	Multiples of a number
Factor pairs	Two numbers which multiplied together equal a given number
Squared	Multiply a number by itself

## Key Knowledge

- Consolidate multiplication facts. – Learn all division facts within the 12 times tables. – Learn factors and factor pairs. - Learn efficient calculations. – Develop understanding of measurements, including length and perimeter. – Develop their understanding of geometry. - Applying facts regarding rectilinear shapes and polygons.



Learning Intention: To develop a secure understanding of the times tables both for multiplication and division.

- To have a secure understanding of all the times tables (up to 12) -multiplication and division facts.
- To be able to apply knowledge of the times tables (multiplication and division) to solve relevant problems.

## Resources



Websites

Textbooks

Reading Links



- ✓ [KS2 Maths - BBC Bitesize](https://www.bbc.com/bitesize/maths/ks2)
- ✓ [Times Tables Rock Stars: Play \(ttrockstars.com\)](https://www.ttrockstars.com/)

- ✓ [Hit the Button - Quick fire maths practise for 6-11 year olds \(topmarks.co.uk\)](https://www.topmarks.co.uk/Hit-the-Button)