

Year 1 - Multiplication and Division

National Curriculum Aims

- Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher
- Count in multiples of twos, fives and tens

Key Vocabulary

Array	Regular arrangement of number or objects in rows and columns
Division	An operation on numbers in which a number is shared or grouped equally into number of parts.
Doubling	To double is to multiply by 2.
Equal groups of	If one amount equals another then they have same value.
Grouping	Dividing objects, pictorial representations and numbers into equal groups or sets.
Halving	To halve something is to divide it into two equal parts.
Multiplication	It is the operation of adding a number to itself a given number of times (repeated addition)
Multiply	To multiply means to carry out the process of multiplication
Number patterns	An ordered set of numbers according to a rule



Home Learning

- Using concrete objects practise repeated addition and sharing equally.
- Using times table rock stars as a resource at home learn your 2,5 and 10 times tables.

Core Knowledge and Representations

Multiplication

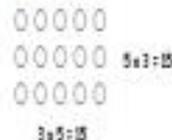
$$3 \times 3 = 3 + 3 + 3$$



There are 3 sweets in one bag.
How many sweets are there in 5 bags?



Arrays

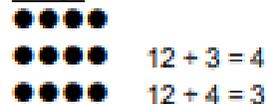


$$2 \times 3 = 6$$

Division



Arrays



$$12 \div 3 = 4$$

$$12 \div 4 = 3$$

Cutting cakes, pizza in half, sharing related to fractions
Finding half of a group of objects

