



# Maths - Multiplication and Division



### Lesson Sequence

- 1. Recognise equal groups
- 2. Make equal groups
- 3. Add equal groups
- 4. Introduce the multiplication symbol
- 5. Multiplication sentences
- 6. Use arrays
- 7. Make equal groups-grouping
- 8. Make equal groups-sharing
- 9. 2 times table
- 10. Divide by 2
- 11. Doubling and halving
- 12. Odd and even numbers
- 13. 10 times table
- 14. Divide by 10
- 15. 5 times table
- 16. Divide by 5
- 17. 5 and 10 times table
- 18. End of block assessment

## Vocabulary

- Groups of
- Equal Groups
- Arrays
- Multiply
- Divide
- Share
- Equal / Unequal
- Times
- Double
- Lots of
- Times Tables

### New Knowledge

- To recall multiplication and division facts for the two; five and ten multiplication tables, including recognising odd and even numbers
- To know that multiplication of two numbers can be done in any order (commutative)
- To know that division is not commutative
- To know the multiplication (×) and division (÷) signs
- To know that an array is an arrangement of objects, numbers or pictures in equal columns or rows
- To know that multiplication and division are the inverse of each other (for example,  $4 \times 5 = 20$  and  $20 \div 5 = 4$ )

## Sticky learning

- To use multiplication and division facts for the 2, 5 and 10 multiplication tables
- To show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot

New Skille

- To calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) signs
- To solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts
- To connect the 5 multiplication table to the divisions on the clock face
- To relate multiplication and division to grouping and sharing discrete and continuous quantities, to arrays and to repeated addition





