



Lesson Overview

THE FOUR OPERATIONS (COMPONENT 2)

Entry Level 2 (KM St1&2)

2.3 *Multiply using single digit whole numbers*

2.5 *Recall and use multiplication facts for the 2, 5 and 10 multiplication tables*

Entry Level 3 (KM St1&2)

3 *Recall and use multiplication facts and related division facts for the 8 multiplication table*

KM St 1

- Count (from zero) in equal steps of 2s
- Count (from zero) in equal steps of 5s
- Count (from zero) in equal steps of 10s

KM St 2

- Recall and use multiplication facts for the 2 times table
- Recall and use multiplication facts for the 5 times table
- Recall and use multiplication facts for the 10 times table, linking multiplying by 10 to place value
- Understand that multiplication is commutative
- Recall and use division facts for the 2 times table
- Recall and use division facts for the 5 times table
- Recall and use division facts for the 10 times table
- Understand that division is not commutative

2.4 *Use and interpret \times and $=$ in real life situations for solving problems*

KM St 1

- Use concrete objects to solve one-step problems involving multiplication
- Use concrete objects to solve one-step problems involving division (grouping)
- Use concrete objects to solve one-step problems involving division (sharing equally)
- Use pictorial representations to solve one-step problems involving multiplication
- Use pictorial objects to solve one-step problems involving division (grouping)
- Use pictorial objects to solve one-step problems involving division (sharing equally)

KM St 2

- Use arrays to solve one-step problems involving multiplication
- Create mathematical statements for multiplication
- Create mathematical statements for division
- Use knowledge of commutativity when multiplying and dividing mentally
- Understand the connection between multiplication and repeated addition
- Identify the correct operation(s) required in order to solve a problem
- Solve missing number problems involving multiplication
- Solve missing number problems involving division

Key Words

Refer to

<http://studymaths.co.uk/glossary.php> for definitions of the key words

Calculation, Calculate
 Odd, Even
 Multiply, Multiplication, Times, Product
 Repeated addition
 Array
 Divide, Division
 Groups
 Grouping
 Sharing

Calculation, Calculate
 Multiplication table, Times table
 Odd, Even
 Multiply, Multiplication, Times, Product
 Repeated addition
 Array
 Mathematical statement
 Commutative
 Divide, Division
 Inverse
 Operation

Notation:

\times , \div and $=$ signs

MONEY (component 4)

ELEVEL 1& 2 (KM St 1&2)

1.1 Recognise coins and notes up to £20

- Recognise the coins: 1p, 2p, 5p, 10p, 20p, 50p, £1 and £2
- Count, say and record amounts of money using the coins 1p, 2p, 5p, 10p, 20p, 50p, £1 and £2
- Recognise the notes: £5 and £10
- Recognise and use the symbols for pounds (£) and pence (p)
- Read and say amounts of money combining the coins 1p, 2p, 5p, 10p, 20p, 50p, £1 and £2
- Count, say and record amounts of money combining the coins 1p, 2p, 5p, 10p, 20p, 50p, £1 and £2

1.2 Exchange money up to 20p for an equivalent amount in other denominations:

- Solve simple problems involving money
- Find different combinations of coins that equal the same amounts of money

1.2 Add up to 20 coins

- Solve practically simple problems involving addition of money
- Begin to solve practically simple problems of money, including giving change

2.1 Appreciate the purchasing power of amounts of money (coins):

- Begin to understand the value of items eg could I buy a can of drink with £2?

2.2 Convert from pence to pounds and vice versa:

- Know there are 100p in £1

2.3 Make amounts of money up to £2 from given coins

2.4 Make amounts of money in multiples of £5 from £5, £10 and £20 notes

2.5 Calculate with amounts of money in pence up to £1 and whole pounds up to £100 and give change

Money
Coin
Note
Change

Notation

Pounds (£)

Pence (p)

Research	
Note-making	
Group work & discussion	
Memorisation	
Precision & accuracy	
Independence	
Reflection	