

| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
|--------|-------------------------------------|--------|--------|----------------------------------|------------|--------|-----------------------------------|-------------------------------------|--------------------------------|-------------------|---------|---------------|
| Autumn | Number: Place Value | | | Number: Addition and Subtraction | | | | Number: Multiplication and Division | | | | Consolidation |
| Spring | Number: Multiplication and Division | | | Measurement: Money | Statistics | | Measurement: Length and Perimeter | | | Number: Fractions | | Consolidation |
| Summer | Number: Fractions | | | Measurement: Time | | | Geometry: Properties of Shape | | Measurement: Mass and Capacity | | | Consolidation |

Overview

Small Steps

- ▶ Hundreds
- ▶ Represent numbers to 1,000
- ▶ 100s, 10s and 1s (1)
- ▶ 100s, 10s and 1s (2)
- ▶ Number line to 1,000
- ▶ Find 1, 10, 100 more or less than a given number
- ▶ Compare objects to 1,000
- ▶ Compare numbers to 1,000
- ▶ Order numbers
- ▶ Count in 50s

NC Objectives

Identify, represent and estimate numbers using different representations.

Find 10 or 100 more or less than a given number.

Recognise the place value of each digit in a three-digit number (hundreds, tens, ones).

Compare and order number up to 1,000.

Read and write numbers up to 1,000 in numerals and in words.

Solve number problems and practical problems involving these ideas.

Count from 0 in multiples of 4, 8, 50 and 100

Overview

Small Steps

NC Objectives

- ▶ Add and subtract multiples of 100
- ▶ Add and subtract 3-digit and 1-digit numbers – not crossing 10
- ▶ Add 3-digit and 1-digit numbers – crossing 10
- ▶ Subtract a 1-digit number from a 3-digit number – crossing 10
- ▶ Add and subtract 3-digit and 2-digit numbers – not crossing 100
- ▶ Add 3-digit and 2-digit numbers – crossing 100
- ▶ Subtract a 2-digit number from a 3-digit number – crossing 100
- ▶ Add and subtract 100s
- ▶ Spot the pattern – making it explicit
- ▶ Add and subtract a 2-digit and 3-digit numbers – not crossing 10 or 100
- ▶ Add a 2-digit and 3-digit numbers – crossing 10 or 100
- ▶ Subtract a 2-digit number from a 3-digit number – crossing 10 or 100
- ▶ Add two 3-digit numbers – not crossing 10 or 100
- ▶ Add two 3-digit numbers – crossing 10 or 100
- ▶ Subtract a 3-digit number from a 3-digit number – no exchange

Add and subtract numbers mentally, including: a three-digit number and ones; a three-digit number and tens; a three-digit number and hundreds.

Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.

Estimate the answer to a calculation and use inverse operations to check answers.

Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.

Overview

Small Steps

- ▶ Multiplication – equal groups
- ▶ Multiply by 3
- ▶ Divide by 3
- ▶ The 3 times table
- ▶ Multiply by 4
- ▶ Divide by 4
- ▶ The 4 times table
- ▶ Multiply by 8
- ▶ Divide by 8
- ▶ The 8 times table

NC Objectives

Count from 0 in multiples of 4, 8, 50 and 100

Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.

Write and calculate mathematical statements for multiplication and division using the multiplication tables they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.

Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.