# Maths Overview

## Year 2

| | 4 weeks | 5 weeks | 3 weeks | 2 weeks embedded at the end point of units | 1 week |
|---|---|---|---|---|---|
| **Autumn** | Number **Place value** | Number **Addition and Subtraction** Links to PV | Geometry **Shape** | **Assessment and Consolidation** | Measurement **Time** |

| | 2 weeks | 5 weeks | 2 weeks | 1 week embedded at the end point of units | |
|---|---|---|---|---|---|
| **Spring** | Measurement **Money** | Number **Multiplication and Division** Links to + - and PV | Measurement **Length and Height** Links to PV | **Assessment and Consolidation** linked to assessment | |

| | 2 weeks | 3 weeks | 2 weeks | 2 weeks | 3 weeks | 1 week embedded at the end point of units | |
|---|---|---|---|---|---|---|---|
| **Summer** | Measurement **Time** | Number **Fractions** Links to x and ÷ | **Statistics** | Geometry **Position and Direction** | Measurement **Mass, Capacity and Temperature** | **Assessment week and consolidation** | |

# Maths Overview

## Year 2

### Small steps Autumn

**Place value**

- Numbers to 20
- Count objects to 100 by making 10s
- Recognise tens and ones
- Use a place value chart
- Partition numbers to 100
- Write numbers to 100 in words
- Flexibly partition numbers to 100
- Write numbers to 100 in expanded form
- 10s on the number line to 100
- 10s and 1s on the number line to 100
- Estimate numbers on a number line
- Compare objects
- Compare numbers
- Order objects and numbers
- Count in 2s, 5s and 10s
- Count in 3s

- **Addition and subtraction**
- Bonds to 10
- Fact families - addition and subtraction bonds within 20
- Related facts
- Bonds to 100 (tens)
- Add and subtract 1s
- Add by making 10
- Add three 1-digit numbers

- Add to the next 10
- Add across a 10
- Subtract across 10
- Subtract from a 10
- Subtract a 1-digit number from a 2-digit number (across a 10)
- 10 more, 10 less
- Add and subtract 10s
- Add two 2-digit numbers (not across a 10)
- Add two 2-digit numbers (across a 10)
- Subtract two 2-digit numbers (not across a 10)
- Subtract two 2-digit numbers (across a 10)
- Mixed addition and subtraction
- Compare number sentences
- Missing number problems

**Geometry – Shape**

- Recognise 2-D and 3-D shapes
- Count sides on 2-D shapes
- Count vertices on 2-D shapes
- Draw 2-D shapes
- Lines of symmetry on shapes
- Use lines of symmetry to complete shapes
- Sort 2-D shapes
- Count faces on 3-D shapes
- Count edges on 3-D shapes

- Count vertices on 3-D shapes
- Sort 3-D shapes
- Make patterns with 2-D and 3-D shapes

**Measurement – Time**

- O'clock and half past
- Quarter past and quarter to
- Tell the time past the hour
- Tell the time to the hour

# Maths Overview

## Year 2

- Odd and even numbers
- The 10 times-table
- Divide by 10
- The 5 times-table Step 16 Divide by 5
- The 5 and 10 times-tables

### Measurement – Length and Height

- Measure in centimetres
- Measure in metres
- Compare lengths and heights
- Order lengths and heights
- Four operations with lengths and heights

### Measurement – Mass, Capacity and Temperature

- Compare mass
- Measure in grams
- Measure in kilograms
- Four operations with mass
- Compare volume and capacity
- Measure in millilitres
- Measure in litres
- Four operations with volume and capacity
- Temperature

## Small steps Spring

### Measurement - Money

- Count money – pence
- Count money – pounds (notes and coins)
- Count money – pounds and pence
- Choose notes and coins
- Make the same amount
- Compare amounts of money
- Calculate with money
- Make a pound
- Find change
- Two-step problems

### Multiplication and Division

- Recognise equal groups
- Make equal groups
- Add equal groups
- Introduce the multiplication symbol
- Multiplication sentences
- Use arrays
- Make equal groups – grouping
- Make equal groups – sharing
- The 2 times-table
- Divide by 2
- Doubling and halving

## Maths Overview

## Year 2

- Hours in a day

**Small steps Summer**

**Fractions**

- Introduction to parts and whole
- Equal and unequal parts
- Recognise a half
- Find a half
- Recognise a quarter
- Find a quarter
- Recognise a third
- Find a third
- Find the whole
- Unit fractions
- Non-unit fractions
- Recognise the equivalence of a half and two-quarters
- Recognise three-quarters
- Find three-quarters
- Count in fractions up to a whole

- Compare any two numbers

**Measurement – Time**

- Tell the time to 5 minutes in an hour

**Statistics**

- Make tally charts Tables Block diagrams
- Draw pictograms (1–1)
- Interpret pictograms (1–1)
- Draw pictograms (2, 5 and 10)
- Interpret pictograms (2, 5 and 10)

**Geometry – Position and Direction**

- Language of position
- Describe movement
- Describe turns
- Describe movement and turns
- Shape patterns with turns