Year 2 Maths Overview

The principles of Fluency, Problem Solving and Reasoning will be threaded throughout each unit.

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Autumn

Place Value (Weeks 1–3)

Previous – read and write numbers to 100. One more/less to 100. Partition numbers. Count in 2s, 5s and 10s
- Count objects to 100 and record in numbers and words.
- Recognise numbers to 100 and represent in different ways.
- Partition to tens and ones and in a variety of ways. (Part/whole)
- Link to addition sentences.
- Introduce place value grids
- Compare amounts of objects/equipment
- Compare numbers and addition sentences
- Order objects and numbers
- Count in 2s, 5s and 10s.
- Count in 3s.

Addition and Subtraction (Weeks 4–7)

Previous – know bonds to 10 and 20. Can add/subtract within 20. Use number line to count on/count back. Know 'take-away', 'left' and 'find the difference'.
- Recap facts to 20
- Use equipment to check number facts.
- Compare number facts
- Related facts e.g 2+5/20+50
- Bonds to 100 (tens)
- Add/subtract ones (no boundary)
- 10 more/less
- Add/subtract tens (within 100)
- Add 2-digit/1-digit (number line transition to column)
- Add 2-digit/2-digit (column)
- Subtract 1-digit from 2-digit (1:1)
- Subtract 2-digit from 2-digit (units then tens)
- Bonds to 100 (tens and ones)
- Add 3 1-digit numbers

Money (Weeks 8–9)

Previous – value of coins. Order coins. Count in coin values to make total. Compare coins and totals.
- Introduce £ and p symbols
- Count and compare in pence
- Count and compare in pounds (not using p coins)
- Count pounds and pence
- Choose coins to make total
- Ways of making the same amount
- Compare totals of coins
- Find totals (link to adding)
- Find the difference
- Change
- 2-step problems

Multiplication (Weeks 10–11)

Previous – count in 2s,5s and 10s. Count in equal groups. Arrays. Doubles to 10.
- Recognise and make equal groups
- Doubles to 20
- Add equal groups (arrays/objects)
- Introduce x symbol and what calculations represent.
- Link x sentences to objects/arrays
- Introduce number line to show equal groups.
- 2 x table
- 5 x table
- 10x table

Assessment (Week 12)

Measurement Length/Height (Week 13)

Previous – comparing and ordering. Measuring in non-standard and standard measurements.
- Measure to nearest cm
- Measure to nearest m
- Comparing lengths
- Ordering lengths
- Calculating with length

Place Value (Week 14)
- Estimating and checking calculations Problem solving

Mop Up (Week 15)

Spring

Division (Weeks 1–2)

Previous – making equal groups, sharing.
- Introduce the ÷ symbol.
- Share between equal groups
- Make equal groups (link objects with numberline)
- Divide by 2 (linked to 2x)
- Halving
- Odd and even numbers
- Divide by 5 (link to 5x)
- Divide by 10 (link to 10x)

Statistics (Week 3)
- Answering a question
- Tally charts
- Pictograms (1:1)
- Pictograms (2,5,10)
- Block diagrams

Shape (Weeks 4–7)

Previous – recognise and sort 2D and 3D shapes. Make patterns with them.
- Recognise 2D shapes in different orientations and sizes
- Recognise 3D shapes in different orientations and sizes
- Count sides – recognise irregular shapes as ….
- Count vertices on 2D shapes – link to corner
- Draw 2D shapes
- Lines of symmetry
- Sort 2D shapes
- Patterns with 2D shapes (link to orientations)
- Count faces on 3D shapes
- Count edges on 3D shapes
- Count vertices on 3D shapes
- Sort 3D shapes
- Patterns with 3D shapes (link to orientations)

Fractions (Weeks 8–11)

Previous – half and quarter of shapes and amounts
- Understand parts and wholes
- Make equal parts
- Introduce numerator and denominator and fraction notation
- Recognise/find halves
- Recognise/find quarter
- Recognise/find a third
- Unit fractions of shapes and amounts
- Non-unit fractions of shapes and amounts
- Equivalence of ½ and ¼
- Find ¾
- Count in fractions

Assessment (Week 12)

Problem Solving and Methods (wk1) (Week 13)
- Recap the 4 operations and calculation methods.

(Summer)

Problem Solving and methods (wk2 and 3) (Weeks 1–2)
- Recap the 4 operations and calculation methods.
- Solve one and 2 step problems.
- Finding missing numbers

Assessment - SATS (Week 3)

Framework Booklets (Week 4)

Time (Weeks 5–6)

Previous – days, months, dates. Ordering events and durations. O'clock and half past
- O'clock and half past
- Quarter past
- Quarter to
- 5 minute intervals
- Hours in a day
- Minutes in an hour
- Find time durations
- Compare time durations

STEAM WEEK (Week 7)

Position and Direction (Weeks 8–9)

Previous – whole, half, quarter and three-quarter turns, describe movement (up, down, left right), describe objects in relation to others (e.g above, in between).
- Describe movement in straight line
- Describe turns using clockwise and anti-clockwise
- Describe movement and turns

Mass, Capacity and Temperature (Weeks 10–11)

Previous – understand mass, weight, volume and capacity; measure in non-standard units; compare measurements
- Balancing scales to compare mass
- Measure mass (standard units - g)
- Measure mass (Kg)
- Compare volume (link to full, half, quarter, three-quarters)
- Measure volume (ml)
- Measure volume (l)
- Introduce temperature
- Measure temperature (link to 2s, 5s and 10s)

Mop Up (Week 12)

Investigations (not in 2024) (Weeks 13–15)

Describe/Make patterns including turns.