



Year 2 objective

Fractions

- Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{2}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity
- Write simple fractions for example, $2\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.

Position and direction

- Order and arrange combinations of mathematical objects in patterns and sequences
- Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise).

Measurement

- Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}\text{C}$); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels
- Compare and order lengths, mass, volume/capacity and record the results using >, < and =
- Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value
- Find different combinations of coins that equal the same amounts of money
- Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change
- Compare and sequence intervals of time
- Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times
- Know the number of minutes in an hour and the number of hours in a day.

Examples of Tasks/activities informed by National Curriculum

1. Rapid recall of tables facts.
2. Talk partner activities to solve reasoning questions.
3. Solving a variety of practical problem solving questions
4. Mixed pairs activities.
5. Independent or supported work in books to practise new skills
6. Whole class practical activities to support learning in measurement.
7. Skills used in different contexts.
8. Understand the terms full turn, half turn, $\frac{1}{4}$ turn and $\frac{3}{4}$ turn.
9. Describe position, movement and direction between points.
10. Use a ruler
11. Measure in cm and mm
12. Compare and order measures
13. Tell the time to the 5 minutes
14. Know how many days there are in a week and hours in a day

Vocabulary:

Fraction, Numerator, Denominator, Equivalent, Quantity, Half, Quarter, Divide, Multiplication, division, array, times table, commutative.

Pounds, pence, notes, compare, total, amount, change, subtract, leftover
Measuring, ruler, weight, scales, temperature, mass, direction, capacity, compare, volume.

Selected Resources

- * Whiteboards
- * Dice
- * TNT tables
- * IR tools
- * Place value counters and boards.
- * Clocks and timers
- * Fraction boards and shapes
- * Number lines