

Maths Year 4 Checklist

Number and Place Value

- Count in multiples of 6, 7, 9, 25 and 1000.
- Find 1000 more or less than a given number.
- Count backwards through zero to include negative numbers.
- Recognise the place value of each digit in a four-digit number.
- Order and compare numbers beyond 1000.
- Identify and represent numbers using different representations.
- Round any number to the nearest 10, 100 or 1000.
- Read Roman numerals to 100 (I to C).

Addition and Subtraction

- Add/ subtract 4-digit numbers using column addition and subtraction
- Check addition/ subtraction calculations using inverse operations.
- Use estimation to check the reasonableness of an answer.
- Solve addition and subtraction two-step problems.
- Identify operations to solve problems.

Multiplication and Division

- Recall multiplication/ division facts up to 12 x 12 times tables.
- Recognise and use factor pairs and commutativity in mental calculations.
- Multiply 2-digit and 3-digit numbers by a one-digit number using column method.
- Solve problems involving multiplying and adding.
- Use the distributive law to multiply 2-digit numbers by 1-digit.

Fractions

- Recognise and show, using diagrams, families of equivalent fractions.
- Count up and down in hundredths.
- Know that hundredths arise when dividing by 100 and tenths by 10.
- Solve increasingly harder problems to calculate fractions of quantities, including non-unit fractions where the answer is a whole number.
- Add and subtract fractions with the same denominator.
- Recognise/ write decimals of any number of tenths or hundredths.
- Recognise/ write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$.
- Divide a 1 or 2-digit number by 10 and 100.
- Identify the place value of decimals as tenths and hundredths.
- Round decimals with 1 decimal place to the nearest whole number.
- Compare numbers up to 2 decimal places.
- Solve measure and money problems involving fractions/ decimals to 2 decimal places.

Measurement

- Convert between different units of measure.
- Measure/ calculate the perimeter of a rectangle or compound shapes composed of rectangles in cm and m.
- Find the area of rectangles or compound shapes composed of rectangles by counting squares.
- Estimate, compare and calculate with different measures.
- Read, write and convert time between analogue and digital 12- and 24-hour clocks.
- Solve problems involving converting from hours to minutes, minutes to seconds; years to months; weeks to days.

Geometry

- Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.
- Identify acute and obtuse angles and compare and order angles up to two right angles by size.
- Identify lines of symmetry in 2-D shapes.
- Complete a simple symmetrical figure.
- Describe positions on a 2-D grid as coordinates in the first quadrant.
- Describe movements between positions using units and direction.
- Plot specified points and draw sides to complete a given polygon.

Statistics

- Interpret and present discrete and continuous data using appropriate graphs.
- Solve comparison, sum and difference problems using graphs, charts and pictograms.