

Year 3 Maths Assessment Checklist

Number and Place Value

- ☐ I can count from 0 in multiples of 4, 8, 50 and 100.
- ☐ I can recognise the place value of each digit in a three-digit number (hundreds, tens, ones).
- ☐ I can compare and order numbers up to 1000.
- ☐ I can identify, represent and estimate numbers using different representations.
- ☐ I can read and write numbers up to 1000 in numerals and in words.
- ☐ I can solve number problems and practical problems involving these ideas.

Addition and Subtraction

- ☐ I can add and subtract numbers mentally, including:
 - ☐ a three-digit number and ones
 - ☐ a three-digit number and tens
 - ☐ a three-digit number and hundreds
- ☐ I can add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.
- ☐ I can estimate the answer to a calculation and use inverse operations to check answers.
- ☐ I can solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.

Multiplication and Division

- ☐ I can recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
- ☐ I can write and calculate mathematical statements for multiplication and division using the multiplication tables that I know, including for two-digit numbers times one digit numbers, using mental and progressing to formal written methods.

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Multiplication and Division (continued)

- ☐ I can 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.

Fractions

- ☐ I can count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10.
- ☐ I can recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.
- ☐ I can recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.
- ☐ I can recognise and show, using diagrams, equivalent fractions with small denominators.
- ☐ I can add and subtract fractions with the same denominator within one whole.
- ☐ I can compare and order unit fractions, and fractions with the same denominators.
- ☐ I can solve problems that involve all of the above.

Measurement

- ☐ I can measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).
- ☐ I can measure the perimeter of simple 2-D shapes.
- ☐ I can add and subtract amounts of money to give change, using both £ and p in practical contexts.
- ☐ I can tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks.

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Measurement (continued)

- ☐ I can estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight.
- ☐ I know the number of seconds in a minute and the number of days in each month, year and leap year.
- ☐ I can compare durations of events [for example to calculate the time taken by particular events or tasks].

Geometry – Properties of Shapes

- ☐ I can draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them.
- ☐ I can recognise angles as a property of shape or a description of a turn.
- ☐ I can identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle.
- ☐ I can identify horizontal and vertical lines and pairs of perpendicular and parallel lines.

Statistics

- ☐ I can interpret and present data using bar charts, pictograms and tables.
- ☐ I can solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.

Notes