



Year 3 Maths Expectations

Band 3 - Maths

Number and Place Value



b b+ w w+ s s+

- Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number.**
I can count from 0 in multiples of 4, 8, 50 and 100 and can find 10 or 100 more or less than a given number.
- Recognise the place value of each digit in a three-digit number (hundreds, tens, ones).**
I can recognise the place value of each digit of a number with hundreds, tens and units.
- Compare and order numbers up to 1000.
I can compare and order numbers up to 1000.
- Identify, represent and estimate numbers using different representations.
I can find, show and estimate numbers using objects and pictures.
- Read and write numbers up to 1000 in numerals.
I can read and write numbers up to 1000 in numbers.
- Read and write numbers up to 1000 in words.
I can read and write numbers up to 1000 in words.
- Solve number problems and practical problems involving these ideas.**
I can solve number and word problems.

Band 3 - Maths

Addition and Subtraction



b b+ w w+ s s+

- Add and subtract numbers mentally, including a three-digit number and ones.**
I can add and subtract numbers in my head, including a three digit number and ones.
- Add numbers with up to three digits using the formal written method of columnar addition.
I can add numbers with up to three digits using formal column methods.
- Add and subtract numbers mentally, including a three-digit number and tens.**
I can add and subtract numbers in my head, including a three digit number and tens.
- Subtract numbers with up to three digits using the formal written method of columnar subtraction.
I can subtract numbers with up to three digits using formal column methods.
- Add and subtract numbers mentally, including a three-digit number and hundreds.**
I can add and subtract numbers in my head, including a three digit number and hundreds.
- Estimate the answer to a calculation and use inverse operations to check answers.
I can estimate the answer to a calculation and use this and inverse operations to check answers.
- Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. *I can solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.*

Band 3 - Maths

Multiplication and Division



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- Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
I can recall and use multiplication and division facts for the 3, 4 and 8 times tables.
- Write and calculate mathematical statements for multiplication and division, using the multiplication tables that he/she knows, including for two-digit numbers times one-digit numbers, using mental methods and progressing to formal written methods.
I can calculate multiplication and division problems, both mentally and in writing, using the times tables, including two digit numbers times one digit numbers.
- 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.
I can solve problems, including missing number problems, involving multiplication and division, including factors and ratio.

Band 3 - Maths

Fractions



b

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s+

- 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 count up and down in tenths and know that tenths are made by dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10.
- Recognise, find and write fractions of a discrete set of objects: including unit fractions and non-unit fractions with small denominators.
I can write and find fractions for a set of data and can recognise fractions with small denominators.
- Recognise and use fractions as numbers: including unit fractions and non-unit fractions with small denominators.
I can find and use fractions for numbers such as $1/4$ of 8 = 2 and $3/4$ of 8 = 6.
- Recognise and show, using diagrams, equivalent fractions with small denominators.
I can identify and show equivalent fractions.
- Add fractions with the same denominator within one whole e.g. $5/7 + 1/7 = 6/7$.
I can add fractions with the same denominator within one whole.
- Subtract fractions with the same denominator within one whole e.g. $6/7 - 1/7 = 5/7$.
I can subtract fractions with the same denominator within one whole.
- Compare and order unit fractions, and fractions with the same denominators.
I can compare and order fractions with the same denominator.
- Solve fraction problems.
I can solve fraction problems.

Band 3 - Maths

Measurement



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- Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).**
I can measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume and capacity (l/ml).
- Measure the perimeter of simple 2-D shapes.
I can measure the perimeter of simple 2-D shapes.
- Add and subtract amounts of money to give change, using both £ and p in practical contexts.**
I can add and subtract money, giving change, using pounds and pence. I can do this with real coins and notes.
- Tell the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks. I can tell the time on a clock face. I can do this if it uses Roman numerals from I to XII, and I can use 12-hour or 24-hour clocks.**
- Write the time using an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks. I can write the time on a clock face. I can do this if I use Roman numerals from I to XII, and I can use 12-hour or 24-hour clocks.**
- 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 can estimate and read the time to the nearest minute. I can record time in seconds, minutes and hours. I can use the words o'clock, a.m., p.m., morning, afternoon, noon and midnight.
- Know the number of seconds in a minute and the number of days in each month, year and leap year.
I can tell you the number of seconds in a minute and how many days there are in a month, a year, and in a leap year.
- Compare durations of events e.g. to calculate the time taken by particular events or tasks.
I can compare how much time is taken by different events or tasks.

Band 3 - Maths

Properties of Shape



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

Band 3 - Maths

Statistics



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- Interpret and present data using bar charts, pictograms and tables.**
I can interpret and present data using bar charts, pictograms and tables.
- Solve one-step and two-step questions e.g. 'How many more?' and 'How many fewer?', using information presented in scaled bar charts, pictograms and tables.
I can solve one-step and two-step questions e.g. 'How many more?' and 'How many fewer?', using information presented in scaled bar charts, pictograms and tables.