

Little Bowden School



Mathematics Curriculum Journey – Addition and Subtraction

Identify common factors, common multiples and prime numbers

Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why

Use their knowledge of the order of operations to carry out calculations

Perform mental calculations, including with mixed operations and large numbers

Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why

Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign

Y6

Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy

Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)

Add and subtract numbers mentally with increasingly large numbers

Y5

solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why

Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate

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Y4

Solve problems, including missing number problems, using number facts, place value, and more

Add and subtract numbers mentally, including: a three-digit number and ones a three-digit

Y3

Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction

Add and subtract numbers using concrete objects, pictorial representations, and mentally,

Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures applying their increasing knowledge of mental and written methods

Y2

Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$

Add and subtract one-digit and two-digit

Add and subtract one-digit and two-digit numbers to 20, including zero

Verbally count beyond 20, recognising the pattern of the counting system.

Y1

Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$

Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.

Subitise (recognise quantities without counting) up to 5.

EYFS

Automatically recall number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts.

Compare quantities up to 10 in different contexts.

Have a deep understanding of number to 10, including the composition of each number.