

Key indicators for each year group

Informed by the NCETM Ready to Progress Criteria.

Date: 28.06.21



Year 1

Count within 100, forwards and backwards, starting with any number.
Reason about the location of numbers to 20, including comparing using $<$ and $=$.
Develop fluency in addition and subtraction facts within 10, including missing number problems using the part part whole structure.
Count forwards and backwards in multiples of 2, 5 and 10.
[Included in the objective 2 above]
Read, write and interpret equations containing addition (+), subtraction (-) and equals (=) symbols, and relate equations to real-life contexts.
Recognise common 2D and 3D shapes presented in different orientations.
Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.
Recognise and write numbers to 100 (using numerals).

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Year 2

Read scales in divisions of ones, twos, fives and tens.
Partition any two-digit number into different combinations of tens and ones.
Add and subtract any 2 two-digit numbers.
Recall all number bonds to and within 10 and use these to reason with and calculate bonds to and within 20.
Recall multiplication and division facts for 2, 5 and 10 and use them to solve simple problems.
Identify $\frac{1}{4}$, $\frac{1}{3}$, $\frac{1}{2}$, $\frac{2}{4}$, $\frac{3}{4}$, of a number or shape.
Use different coins to make the same amount.
Read the time on a clock to the nearest 15 minutes.
Name and describe properties of 2-D and 3-D shapes.

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Year 3

Recognise the place value of each digit in three-digit numbers.
Reason about the location of any three-digit, including identifying the previous and next multiple of 100 and 10.
Recall multiplication facts, and corresponding division facts, in the 10, 5, 2, 3, 4 and 8 times tables.
Add and subtract up to three-digit numbers using columnar methods.
Understand the inverse relationship between addition and subtraction, and how both relate to the part-whole structure.
Understand and use the commutative properties of addition and multiplication.
Apply known multiplication and division facts to solve problems.
Find unit fractions of a set of objects e.g. $\frac{1}{5}$ of 20

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Year 4

Recognise the place value of each digit in four-digit numbers.
Reason about the location of any four-digit number, including identifying the previous and next multiple of 1,000 and 100, and rounding to the nearest of each.
Recall multiplication and division facts up to 12×12 .
Solve division problems, with 1 divisor, using a formal method.
Multiply and divide whole numbers by 10 and 100; understand this as equivalent to making a number 10 or 100 times the size.
Recognise and write decimal equivalents of any number of tenths or hundredths
Solve multiplication problems, with 1 multiplier, using a formal method.
Convert mixed numbers to improper fractions and vice versa.
Add and subtract improper and mixed fractions with the same denominator, including bridging whole numbers.

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Year 5

Recognise the place value of each digit in numbers up to one million.
Reason about the location of any number with up to 2 decimal places.
Convert between decimals and fractions e.g. $0.71 = \frac{71}{100}$
Secure fluency in multiplication table facts, and corresponding division facts.
Apply place-value knowledge to known additive and multiplicative number facts e.g. $80 \times 70 = 5600$
Multiply and divide numbers by 10 and 100; understand this as equivalent to making a number 10 or 100 times the size, or 1 tenth or 1 hundredth times the size.
Multiply and divide any whole number with up to 4 digits by any one-digit number using a formal written method.
Find non-unit fractions of quantities e.g. $\frac{3}{5}$ of 20
Find equivalent fractions.

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Year 6

Recognise the place value of each digit in numbers up to 10 million, including decimal fractions.

Reason about the location of any number up to 10 million, including decimals.

Multiply any whole number with up to 4 digits by any two-digit number using a formal written method.

Divide any whole number with up to 4 digits by any two-digit number using a formal written method.

Solve problems involving ratio relationships.

Solve algebraic problems with 2 unknowns.

Convert between decimals, fractions and percentages.

Recognise when fractions can be simplified and use common factors to simplify fractions.

Express fractions in a common denomination and use this to compare fractions.