

KEY Number Measure Geometry Statistics

YR8

Y8 AUTUMN UNIT 1

Multiples of numbers

Can I count forwards and backwards in different multiples, including powers of ten?

Y8 AUTUMN UNIT 2

Read and write numbers in words and digits

Can I write any 7-digit number in words and digits?

Y8 AUTUMN UNIT 3

Place value in 7-digit numbers

Can I name the place values in a 7-digit number?
Can I compare any numbers up to and including 7-digits using inequality signs?

Y8 AUTUMN UNIT 7

Addition and subtraction mental and written strategies

Can I use mental strategies to solve 4-digit addition and subtraction calculations?
Can I use a formal written method to solve addition and subtraction calculations with values up to 6-digits?

Y8 AUTUMN UNIT 6

Recognise and count negative numbers

Can I use a number line to continue a sequence below zero into negative values?

Y8 AUTUMN UNIT 4

Rounding numbers to the nearest 10, 100 or 1000

Can I round any 4-digit number to the nearest 10, 100 or 1000?

Y8 AUTUMN UNIT 5

Count backwards beyond zero

Can I use a number line to count with negative values?

Y8 AUTUMN UNIT 8

Measuring time

Can I convert time between 12- and 24-hour clocks?

Y8 SPRING UNIT 1

Multiplication using a formal method

Can I use a formal written method to solve 4 by 2-digit multiplication calculations?

Y8 SPRING UNIT 2

Division using a formal method

Can I use a formal written method to solve 4-digit by 1-digit division calculations?

Y8 SPRING UNIT 5

Understand and measure types of angles

Can I identify and sort acute, obtuse and reflex angles?

Y8 SPRING UNIT 4

Identifying and describing properties of 2D and 3D shapes

Can I compare polygons, based on their number of sides and lines of symmetry?
Can I compare and classify geometric shapes, like triangles and quadrilaterals, based on their properties and sizes?

Y8 SPRING UNIT 3

Prime, square and cube numbers

Y8 SPRING UNIT 6

Understanding fractions, decimals, percentages and their equivalence

Can I recognise common equivalent fractions?
Can I identify decimal equivalents for tenths and hundredths?
Can I use visual models to convert between mixed number and improper fractions?
Can I order and compare numbers with up to three decimal places using inequality signs?
Can I recall percentage and decimal equivalents for $\frac{1}{2}$, $\frac{3}{4}$ and $\frac{1}{5}$?

Y8 SUMMER UNIT 2

Measures – compare and calculate

Can I use measuring resources to accurately calculate different measures of length, mass and capacity?

Y8 SUMMER UNIT 1

Measures – converting units

Can I convert between metric units for length, mass and capacity?

Y8 SUMMER UNIT 3

Geometry – calculating area and perimeter

Can I find the area and perimeter of rectangles and squares?

Y8 SUMMER UNIT 4

Represent and interpret data

Can I interpret discrete and continuous data in bar charts and graphs?
Can I interpret information in tables?

Y8 SUMMER UNIT 5

Geometry – position and direction

Can I identify the position of shapes after reflection and translation?

YR9