



Year 4/5 overview

Autumn 1 lessons

Week	Y4 Topic	Y5 Topic
1	Numbers to 1,000 1000s, 100s, 10s and 1s Represent numbers to 10,000	Numbers to 100,000 10,000s, 1000s, 100s, 10s and 1s Counting in 10s, 100s, 1,000s,
2	The number line to 10,000 Count in 1000s Roman numerals Roman numerals	Number line to 100,000 Powers of 10 Roman numerals Roman numerals
3	Compare 4-digit numbers Order 4 digit numbers Find 1, 10, 100, 1000 more or less Find 1, 10, 100, 1000 more or less	Compare numbers to one million Order numbers to one million Find 1, 10, 100, 1000 more or less Find 1, 10, 100, 1000 more or less
4	Round to the nearest 10 Round to the nearest 100 Round to the nearest 1,000 Round to the nearest 10, 100, 1000	Rounding to 10, 100 or 1,000 Round numbers within 100,000 Round numbers to one million Round to the nearest 10, 100, 1000

Week	Y4 Topic	Y5 Topic
5	Add two 3-digit numbers – crossing 10 or 100 Add two 4-digit numbers - with exchange Subtract a 3-digit number from a 3-digit number with exchange Subtract a 4-digit number from a 4-digit number with more than one exchange	Add two 4-digit numbers – one or more exchange Add whole numbers with more than 4 digits Subtract a 4-digit number from a 4-digit number – exchange Subtract whole numbers with more than 4 digits
6	Efficient subtraction Estimate answers Checking strategies Inverse Addition and subtraction problems Multi step problems	Efficient subtraction Round to estimate and approximate Compare calculations Inverse Multi-step addition and subtraction problems
7	What is area? Counting squares Making shapes Comparing area	Compare volume Estimate volume Volume by counting cubes Volume by multiplying
8	Multiply by 10 Multiply by 100 Divide by 10 Divide by 100	Multiply by 10, 100, 1000 Multiply by 10, 100, 1000 Divide by 10, 100, 1000 Divide by 10, 100, 1000

Autumn 2 lessons

Week	Year 4 Topic	Year 5 Topic
1	3x tables 6 x tables 9 x tables X3 x6 x9 tables	Multiples Common multiples Factors Common factors
2	7x tables 7x tables 11 x tables 12 x tables	Prime numbers Square numbers Cube numbers Assessment
3	Multiply 2 x 1 Multiply 3 x 1 Factor pairs Related facts	Multiply 4 x 1 Multiply 2 x 2 Multiply 2x2 Multiply 3 x 2

Week	Y4 Topic	Y5 Topic
4	Efficient multiplication Multiply by 1 and 0 Divide by 1 and itself Multiply 3 numbers	Multiply 3×2 Multiply 4×2 Multiplication word problems Multiply 3 numbers
5	Divide 2 digits by 1 digit Divide 3 digits by 1 digit Division problems Correspondence problems	Divide 4 digits by 1 digit Divide 4 digits by 1 digit with remainders Divide 4 digits by 1 digit with remainders Multiplication and division problems
6	Measure in km and m Equivalent lengths Perimeter of a rectangle Perimeter of rectilinear shapes	Area of rectangles Area of compound shapes Perimeter of rectangles Perimeter of rectilinear shapes
7	Finding missing lengths in rectilinear shapes Calculate perimeter of rectilinear shapes Perimeter of regular polygons Perimeter of polygons	Finding missing lengths in rectilinear shapes Calculate perimeter of rectilinear shapes Perimeter of regular polygons Perimeter of polygons

Spring 1 lessons

Week	Y4 Topic	Y5 Topic
1	Understand the whole Count beyond one Partition a mixed number Number lines with mixed numbers	Compare fractions less than one Order fractions less than one Compare fractions greater than one Order fractions greater than one
2	Equivalent fraction on a number line Equivalent fraction families Convert mixed numbers to improper fractions Convert improper fractions to mixed numbers	Find fractions equivalent to a unit fraction Find fraction equivalent to a non-unit fraction Convert mixed numbers to improper fractions Convert improper fractions to mixed numbers
3	Compare and order mixed numbers Compare and order mixed numbers Add two or more fractions Add fractions and mixed numbers	Add fractions within one Add fractions greater than one Add to a mixed number Add two mixed numbers
4	Subtract two fractions Subtract from whole amounts Subtract from mixed numbers Subtract from mixed numbers	Subtract fractions Subtract from a mixed number Subtract from a mixed number – breaking the whole Subtract two mixed numbers

5	Years, months, weeks, days Hours, minutes and seconds Telling the time on an analogue clock Time word problems	Multiply a unit fraction by an integer Multiply a non-unit fraction by an integer Multiply a mixed number by an integer Multiply a mixed number by an integer
6	Convert between analogue and digital times Time word problems Convert to 24-hour clock Convert from 24-hour clock	Calculate a fraction of a quantity Fraction of an amount Find the whole Use fractions as operators

Spring 2 lessons

Week	Year 4 Topic	Year 5 Topic
1	Times tables practice	Decimals up to 2dp Equivalent fractions and decimals (tenths) Equivalent fractions and decimals (hundredths) Equivalent fractions and decimals
2	Tenths as fractions Tenths as decimals Tenths on a place value chart Tenths on a number line	Thousandths as fractions Thousandths as decimals Thousandths on a place value chart
3	Hundredths as a fraction Hundredths as a decimal Hundredths on a place value chart Hundredths on a number line	Order and compare decimals Round to the nearest whole number Round to 1 dp Understand percentages
4	Write money using decimals Convert between pounds and pence/ compare amounts Calculate with money Solve problems with money	Percentages as fractions Percentages as decimals Equivalent F,D,P Percentages of amounts
5	Understand angles as turns Identify angles Compare and order angles	Understand and use degrees Classify angles Estimate angles Measure angles up to 180
6	Triangles Triangles Quadrilaterals Polygons	Draw lines and angles accurately Calculate angles on a straight line Calculate angles around a point Lengths and angles in a shape

Summer 1 lessons

Week	Y4 Topic	Y5 Topic
1	Make a whole with tenths Make a whole with hundredths Partition decimals Flexibly partition decimals	Add and subtract decimals within 1 Compliments to 1 Add and subtract decimals with same number of dp Add and subtract decimals with different numbers of dp
2	Decimal sequences Multiply by 10, 100, 1000 Divide by 10, 100, 1000 Multiply and divide decimals	Decimal sequences Multiply by 10, 100, 1000 Divide by 10, 100, 1000 Multiply and divide decimals
3	Compare decimals order decimals Round to the nearest whole number Halves and quarters as decimals	Compare and order decimals Round to the nearest whole number Round to 1dp Halves and quarters as decimals
4	Understand negative numbers Count through zero in 1s Count through zero in multiples Compare and order negative numbers	Understand negative numbers Count through zero in 1s Count through zero in multiples Compare and order negative numbers

5	Lines of symmetry Complete a symmetrical figure Complete a symmetrical figure	Lines of symmetry Reflection in horizontal and vertical lines
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Summer 2 lessons

Week	Year 4 Topic	Year 5 Topic
1	Times tables practise Multiplication Tables Check	Kg and km Mm and ml Convert units of time Convert between metric and imperial units
2		
3	Describe position using coordinates Plot coordinates Draw 2D shapes on a grid Translate on a grid / describe translation	Read and plot coordinates Translation with coordinates
4	Interpret charts Comparison, sum difference Comparison, sum difference	Read and interpret tables Two way tables Read and interpret timetables Read and interpret timetables
5	Interpret line graphs Draw line graphs	Draw line graphs Read and interpret line graphs
6	Review week	Review week

