Year 1 Maths Overview

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Autumn Term — 15 Weeks

Number and Place Value			Addition and Subtraction							Geometry	Number and Place Value		Additional Lessons	

Number and Place Value — 13 Lessons

Numbers to 10
Sorting objects,
Counting objects to 10,
Counting and writing numbers to 10,
Counting backwards from 10 to 0,
Counting one more and one less,
Comparing groups,
Comparing numbers of objects,
Comparing numbers,
Ordering objects and numbers,
First..second..third,
The number line

Addition and Subtraction — 6 Lessons

Part-whole within 10
The part-whole model,
Related facts-number bonds, Finding and comparing number bonds

— 7 Lessons

Addition and Subtraction within 10
Finding the whole - adding together and adding more,
Finding a part,
Finding and making number bonds. Finding addition facts, Solving word problems - addition

— 13 Lessons

Addition and Subtraction within 10 (2)
Subtraction - how many are left?
Subtraction - breaking apart,
Related facts - addition and subtraction,
Subtraction - counting back,
Subtraction - finding the difference,
Solving word problems - subtraction,
Comparing additions and subtractions,
Solving word problems - addition and subtraction

Geometry — 6 Lessons

2D and 3D Shapes
Naming 3D shapes,
Naming 2D shapes,
Making patterns with shapes,

Number and Place Value — 8 Lessons

Numbers to 20
Counting and writing numbers to 20, Tens and ones,
Counting one more, one less,
Comparing numbers of objects,
Comparing numbers

Additional Lessons — 7 Lessons

Additional sessions available throughout the term to take into account INSET Days, Bank Holidays, Experiential Learning events and for Revision sessions.

Spring Term — 12 Weeks

Addition and Subtraction				Number and Place Value			Measurement			Additional Lessons	

Addition and Subtraction — 7 Lessons

Addition within 20
Add by counting on,
Adding ones,
Finding number bonds,
Add to making 10,
Solving word problems - addition

— 9 Lessons

Subtraction within 20
Subtracting ones,
Subtracting tens and ones,
Subtraction - crossing the 10,
Solving word and picture problems - addition and subtraction

Number and Place Value — 12 Lessons

Numbers to 50
Counting to 50, Tens and ones,
Representing numbers to 50,
Comparing numbers of objects,
Comparing numbers,
Ordering objects and numbers,
Counting in 2s, Counting in 5s,
Solving word problems - addition and subtraction

Measurement — 6 Lessons

Introducing length and height
Comparing lengths and heights, Non-standard units of measure,
Measuring length using a ruler, Solving word problems - length

— 8 Lessons

Introducing weight and volume
Comparing weight,
Measuring weight,
Comparing weight using measuring, Comparing capacity,
Measuring capacity,
Comparing capacity using measuring,
Solving word problems - weight and capacity

Additional Lessons — 6 Lessons

Additional sessions available throughout the term to take into account INSET Days, Bank Holidays, Experiential Learning events and for Revision sessions.

Summer Term — 12 Weeks

Multiplication and Division			Fractions		Geometry	Number and Place Value		Measurement			Additional Lessons

Multiplication and Division — 7 Lessons

Multiplication
Counting in 10s, 5s and 2s,
Making equal groups,
Adding equal groups,
Making simple arrays,
Making doubles,
Solving word problems - multiplication

— 6 Lessons

Division
Making equal groups,
Sharing equally,
Solving word problems - division

Fractions — 6 Lessons

Halves and Quarters
Finding halves,
Finding quarters,
Solving word problems - halves and quarters

Geometry — 4 Lessons

Position and Direction
Describing turns,
Describing positions

Number and Place Value — 10 Lessons

Numbers to 100
Counting to 100,
Exploring number patterns,
Partitioning numbers,
Comparing numbers,
Ordering numbers,
Bonds to 100

Measurement — 8 Lessons

Time
Using before and after,
Using a calendar,
Telling time to the hour,
Telling time to the half hour,
Writing time,
Comparing time,
Solving word problems - time

— 4 Lessons

Money
Recognising coins,
Recognising notes,
Counting with coins

Additional Lessons — 3 Lessons

Additional sessions available through-out the term

Year 2 Maths Overview

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Autumn Term — 15 Weeks

Number and Place Value

11 Lessons

Numbers to 100

Counting objects to 100,
Representing numbers to 100,
Tens and ones,
Representing numbers
on a place value grid,
Comparing numbers,
Ordering numbers,
Counting in 2s, 5s and 10s,
Counting in 3s,

Addition and Subtraction

13 Lessons

Addition and Subtraction (1)

Related facts - addition and subtraction,
Using number facts to check calculations,
Comparing number sentences,
Finding related facts,
Making number bonds to 100,
Adding and subtracting 1s,
Finding 10 more and 10 less,
Adding and subtracting 10s,
Adding a 2-digit and 1-digit number,
Subtracting a 1-digit number from a 2-digit number

10 Lessons

Addition and Subtraction (2)

Adding two 2-digit numbers,
Subtracting a 2-digit number from
another 2-digit number,
Adding three 1-digit numbers,
Solving word problems—the bar model

Measurement: Money

10 Lessons

Money

Counting money— coins,
Counting money— notes,
Counting money—coin and notes,
Showing equal amounts of money,
Comparing amounts of money,
Calculating the total amount,
Finding change,
Solving two-step word problems

Multiplication and Division

10 Lessons

Multiplication and Division (1)

Making equal groups,
Multiplication and equal groups,
Adding equal groups,
Multiplication sentences,
Using arrays, 2 times table,
5 times-table, 10 times-tables,
Solving word problems—
multiplication

Multiplication and Division

4 Lessons

Start Spring
Term
Multiplication
and Division
Unit

(See Below)

Additional Lessons

3 Lessons

Spring Term — 12 Weeks

Multiplication and Division

6 Lessons

Multiplication and Division (2)

Making equal groups,
Sharing and grouping,
Dividing by 2, Odd and
even numbers, Dividing
by 5, Dividing by 10,
Bar Modelling - sharing
and grouping, Solving
word problems -
division

Statistics

8 Lessons

Statistics

Making tally charts, Creating
pictograms, Interpreting
pictograms, Block diagrams

Measurement

6 Lessons

Length and Height

Measuring in
centimetres,
Measuring in metres,
Comparing lengths,
Ordering lengths,
Solving word problems
- length

Geometry

13 Lessons

Properties of Shapes

Recognising 2D and 3D shapes, Drawing 2D shapes,
Counting sides on 2D shapes, Counting vertices on
2D shapes, Finding lines of symmetry, Sorting 2D
shapes, Making patterns with 2D shapes, Counting
faces on 3D shapes, Counting edges on 3D shapes,
Counting vertices on 3D shapes, Soring 3D shapes,
Making patterns with 3D shapes

Fractions

15 Lessons

Fractions

Introducing whole and parts, Making equal parts,
Recognising a half, Finding a half, Recognising a quarter,
Finding a quarter, Unit fractions, Understanding other
fractions, 1/2 and 2/4, Finding 3/4, Understanding a whole,
Understanding whole and parts, Counting in halves,
Counting in quarters

Summer Term — 12 Weeks

Geometry

5 Lessons

Position and Direction

Describing
movement,
Describing turns,
Making patterns
with shapes

Problem Solving

13 Lessons

Problem Solving and Efficient Methods

My way, your way! Using number facts,
Using number facts and equivalence, Using a 100
square, Getting started, Missing numbers,
Mental addition and subtraction,
Efficient subtraction, Solving problems - addition
and subtraction, Solving problems - multiplication
and division, Solving problems using the
four operations

Measurement

10 Lessons

Time

Telling and writing time to the hour and
the half an hour,
Telling time to 5 minutes,
Minutes in an hour, Finding duration of
time, Comparing durations of time,
Finding the end time,
Finding the start time,
Hours in a day

11 Lessons

Weight, Volume and Temperature

Comparing mass, Measuring mass in grams,
Measuring mass in kilograms, Comparing
volume, Measuring volume in millilitres,
Measuring volume in litres,
Measuring temperature using a thermometer,
Reading thermometers

Additional Lessons

9 Lessons

*Additional sessions available
throughout the term to take into
account INSET Days, Bank
Holidays, Experiential Learning
events , SATS and for Revision
sessions.*

Year 3 Maths Overview

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Autumn Term — 15 Weeks

Number and Place Value	Addition and Subtraction		Multiplication and Division		Additional Lessons
12 Lessons	11 Lessons	10 Lessons	16 Lessons	6 Lessons	5 Lessons
Place value within 1,000 Counting in 100s, Representing numbers to 1000, 100s, 10s and 1s, The number line to 1000, Finding 1, 10 and 100 more or less, Comparing numbers to 1000, Ordering numbers to 1000, Counting in 50s	**Addition and Subtraction (1)** Adding and subtracting 100s, Adding and subtracting a 3-digit number and 1s, Adding a 3 digit number and 1s, Subtracting 1s from a 3 digit number, Adding and subtracting a 3 digit number and 10s, Subtracting 10s from a 3 digit number, Adding and subtracting a 3 digit and 2 digit number	**Addition and Subtraction (2)** Addition and subtraction patterns, Adding two 3 digit numbers, Subtracting a 3 digit number from a 3 digit number, Estimating answers to additions and subtractions, Checking strategies, Problem solving—addition and subtraction	**Multiplication and Division (1)** Multiplication—equal grouping, Multiplying by 3, Dividing by 3, 3 times-tables, Multiplying by 4, Dividing by 4, 4 times-tables, Multiplying by 8, Dividing by 8, 8 times-tables, Problem solving—multiplication and division, Understanding divisibility, Related facts—multiplication and division,	**Multiplication and Division (2)** Start Spring Term Multiplication and Division Unit (See Below)	*Additional sessions available throughout the term to take into account INSET Days, Bank Holidays, Experiential Learning events, and for Revision sessions.*

Spring Term — 12 Weeks

Multiplication and Division	Measurement	Statistics	Measurement	Fractions	Additional
9 Lessons	6 Lessons	6 Lessons	12 Lessons	12 Lessons	3 Lessons
Multiplication and Division (2) cont. Comparing multiplication and division statements, Related multiplication calculations, Related multiplication and division calculations, Comparing multiplication and division statements, Multiplying a 2-digit number by a 1-digit number, Dividing a 2-digit number by a 1-digit number, How man ways? Problem solving—mixed problems	**Money** Pounds and pence, Converting pounds and pence, Adding money, Subtracting amounts of money, Problem solving—money	**Statistics** Pictograms, Bar Charts, Tables	**Length** Measuring length, Equivalent lengths—metres and centimetres, Equivalent lengths—centimetres and millimetres, Comparing lengths, Adding lengths, Subtracting lengths, Measuring the perimeter, Problem solving—length,	**Fractions (1)** Unit and non unit fractions, Making the whole, Tenths, Fractions as numbers, Fractions of a set of objects, Problem solving— fractions	

Summer Term — 12 Weeks

Fractions	Measurement	Geometry	Measurement		Additional
10 Lessons	12 Lessons	10 Lessons	7 Lessons	7 Lessons	2
Fractions (2) Equivalent fractions, Comparing fractions, Comparing and ordering fractions, Adding fractions, Subtracting fractions, Problem solving—adding and subtracting fractions, Problem solving– fractions of measures,	**Time** Months and years, Hours in a day, Estimating time, Telling time to 5 minutes, Telling time to the minute, Finding the duration, Comparing duration, Finding start and end times, Measuring time in seconds,	**Angles and Properties of Shapes** Turns and angles, Right angles in shapes, Comparing angles, Drawing accurately, Types of line, Recognising and describing 2D shapes, Recognising and describing 3D shapes, Constructing 3D shapes	**Mass** Measuring mass, Comparing masses, Adding and subtracting masses, Problem solving—mass	**Capacity** Measuring capacity, Comparing capacities, Adding and subtracting capacities, Problem solving—capacity	

Year 4 Maths Overview

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Autumn Term — 15 Weeks

Place Value and Number (columns 1–5) | **Addition and Subtraction** (columns 6–9) | **Measurement** (column 10) | **Multiplication and Division** (columns 11–12) | **Additional Lessons** (columns 14–15)

10 Lessons — 4-Digit Numbers (1)
Numbers to 1000,
Rounding to the nearest 10,
Rounding to the nearest 100,
Counting in 1000s, Representing 4-digit numbers, 1000s,100s,10s and 1s,
The number line to 10,000,
Roman numerals to 100

10 Lessons — 4-Digit Numbers (2)
Finding 1000 more or less,
Comparing 4-digit numbers,
Ordering numbers to 10,000,
Rounding to the nearest 1000,
Solving problems using rounding,
Counting in 25s, Negative numbers

16 Lessons — Addition and Subtraction
Adding and subtracting 1s, 10s, 100s, 1000s,
Adding two 4-digit numbers,
Subtracting two 4-digit numbers,
Equivalent difference,
Estimating answers to additions and subtractions,
Checking strategies,
Problem solving - addition and subtraction

6 Lessons — Perimeter
Kilometres, Perimeter of a rectangle,
Perimeter of rectilinear shapes,

12 Lessons — Multiplication and Division (1)
Multiplying by multiples of 10 and 100,
Dividing by multiples of 10 and 100,
Multiplying by 0 and 1, Dividing by 1,
Multiplying and dividing by 6, 6 times-tables,
Multiplying and dividing by 9, 9 times-table,
Multiplying and dividing by 7, 7 times-tables,
11 and 12 times-tables

3 Lessons — Multiplication and Division (2)
Start Spring Term Multiplication and Division Unit
(See Below)

3 Lessons — Additional Lessons
Additional sessions available throughout the term to take into account INSET Days, Bank Holidays, Experiential Learning events , and for Revision sessions.

Spring Term — 12 Weeks

Multiplication and Division (columns 1–4) | **Measurement** (column 5) | **Fractions and Decimals** (columns 6–12)

13 Lessons — Multiplication and Division (2)
Problem solving - addition and multiplication,
Problem solving - mixed problems,
Using written methods to multiply,
Multiplying a 2-digit number by a 1-digit number,
Multiplying a 3-digit number by a 1-digit number,
Problem solving - multiplication, Multiplying more than two numbers, Problem solving - mixed correspondence problems, Dividing a 2-digit number by a 1-digit number, Dividing with remainders,
Dividing a 2-digit number by a 1-digit number,
Dividing a 3-digit number by a 1-digit number,
Problem solving - division

6 Lessons — Area
What is area?
Counting squares, making shapes,
Comparing area

8 Lessons — Fractions (1)
Tenths and hundredths,
Equivalent fractions,
Simplifying fractions,
Fractions greater than 1,

9 Lessons — Fractions (2)
Adding fractions,
Subtracting fractions,
Problem solving - adding and subtracting fractions,
Calculating fractions of a quantity,
Problem solving - fractions of a quantity

11 Lessons — Decimals (1)
Tenths, Dividing by 10,
Hundredths,
Dividing by 100,
Dividing by 10 and 100

1

Summer Term — 12 Weeks

Decimals (columns 1–2) | **Measurement** (columns 3–4) | **Statistics** (column 5) | **Geometry** (columns 6–12)

8 Lessons — Decimals (2)
Making a whole,
Writing decimals,
Comparing decimals,
Ordering decimals,
Rounding decimals,
Halves and quarters,
Problem solving - decimals

10 Lessons — Money
Pounds and pence,
Pounds, tenths and hundredths,
Ordering amounts of money,
Rounding money,
Using rounding to estimate money,
Problem solving - pounds and pence,
Problem solving - multiplication and division, Solving two-step problems,
Problem solving - money

6 Lessons — Time
Units of time,
Converting times,
Problem solving - units of time,

6 Lessons — Statistics
Charts and tables,
Line graphs,
Problem solving - graphs

11 Lessons — Angles and 2D Shapes
Identifying angles, Comparing and ordering angles, Identifying regular and irregular shapes, Classifying triangles,
Classifying and comparing quadrilaterals,
Deducing facts about shapes,
Lines of symmetry inside a shape,
Lines of symmetry outside a shape,
Completing a symmetric figure,
Completing a symmetric shape,

7 Lessons — Position and Direction
Describing position,
Drawing on a grid,
Reasoning on a grid,
Moving on a grid,
Describing a movement on a grid

1

Year 5 Maths Overview

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Autumn Term — 15 Weeks

Number and Place Value

Addition and Subtraction

Statistics

Multiplication and Division

Measurement

Multiplication and Division

Place Value within 100,000 — 9 Lessons
Numbers to 10,000, Rounding to the nearest 10, 100 and 1,000, 10,000s, 1,000s, 100s 10s and 1s, The number line to 100,000, Comparing and ordering numbers to 100,000, Rounding numbers within 100,00, Roman numerals to 10,000,

Place Value within 1,000,000 — 9 Lessons
100,000s, 10,000s, 1,000s, 100s 10s and 1s, Number line to 1,000,000, Comparing and ordering numbers to 1,000,000, Rounding numbers to a 1,000,000, Negative numbers, Counting in 10s, 100s, 1000s, 10,000s, Number sequences

Addition and Subtraction — 11 Lessons
Adding whole numbers with more than 4 digits, Subtracting whole numbers with more than 4 digits, Using rounding to estimate and check answers, Mental addition and subtraction, Using inverse operations, Problem solving - addition and subtraction

Graphs and Tables — 6 Lessons
Interpreting tables, Two-way tables, Interpreting line graphs, Drawing line graphs

Multiplication and Division (1) — 11 Lesson
Multiples, Factors, Prime numbers, Using factors, Squares, Cubes, Inverse operations, Multiplying whole numbers by 10, 100 and 1,000, Dividing whole numbers by 10, 100 and 1,000, Multiplying and dividing by multiples of 10, 100 and 1,000

Area and Perimeter — 8 Lessons
Measuring perimeter, Calculating perimeter, Calculating area, Comparing area, Estimating area,

Multiplication and Division (2) — 6 Lessons
Start Spring Term Multiplication and Division Unit
(See Below)

Spring Term — 12 Weeks

Multiplication and Division

Fractions, Decimals and Percentages

Multiplication and Division (2) — 6 Lessons
Multiplying numbers up to 4 digits by a 1-digit number, Multiplying 2-digit numbers, Multiplying a 3-digit number by a 2-digit number, Multiplying a 4-digit number by a 2-digit number, Dividing up to a 4-digit number by a 1-digit number, Division with remainders, Problem solving with remainders,

Fractions (1) — 9 Lessons
Equivalent fractions, Converting improper fractions to mixed numbers, Converting mixed numbers to improper numbers, Number sequences, Comparing and ordering fractions, Fractions as division

Fractions (2) — 13 Lessons
Adding and subtracting fractions with the same denominator, Adding and subtracting fractions, Adding fractions, Subtracting fractions, Problem solving—mixed word problems,

Fractions (3) — 8 Lessons
Multiplying fractions, Calculating fractions of amounts, Using fractions as operators, Problem solving - mixed word problems

Decimals and Percentages — 13 Lessons
Writing decimals, Decimals as fractions, Understanding thousandths, Writing thousandths as decimals, Ordering and comparing decimals, Rounding decimals, Understanding percentages, Percentages as fractions and decimals, Equivalent fractions, decimals and percentages.

Summer Term — 12 Weeks

Fractions, Decimals and Percentages

Geometry

Measurement

Decimals — 16 Lessons
Adding and subtracting decimals, Decimal sequences, Problem solving - decimals, Multiplying decimals by 10, Multiplying decimals by 10, 100 and 1000, Dividing decimals by 10, 100 and 1000

Properties of Shapes (1) — 8 Lessons
Measuring angles in degrees, Measuring with a protractor, Drawing lines and angles accurately, Calculating angles on a straight line, Calculating angles around a point, Calculating lengths and angles in shapes

Properties of Shapes (2) — 6 Lessons
Recognising and drawing parallel lines, Recognising and drawing perpendicular lines, Reasoning about parallel and perpendicular lines, Regular and irregular polygons, Reasoning about 3D shapes

Position and Direction — 5 Lessons
Reflection, Reflection with coordinates, Translation, Translation with coordinates

Converting Units — 11 Lessons
Metric units, Imperial units of length, Imperial units of mass, Imperial units of capacity, Converting units of time, Timetables, Problem solving - measure

Volume and Capacity — 4 Lessons
What is volume? Comparing volumes, Estimating volume, Estimating capacity

Year 6 Maths Overview

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Autumn Term — 15 Weeks

Number and Place Value	Four Operations		Fractions, Decimals and Percentages		Geometry	Fractions, Decimals and Percentages
7 Lessons	10 Lessons	9 Lessons	11 Lessons	9 Lessons	4 Lessons	9 Lessons
Place value within 10,000,000	**Four Operations**	**Four Operations**	**Fractions (1)**	**Fractions (2)**	**Position & Direction**	**Decimals (from Spring Term)**
Numbers to 1,000,000, Numbers to 10,000,000, Comparing and ordering numbers to 10,000,000, Rounding numbers, Negative numbers	Problem solving - using written methods of addition and subtraction, Multiplying numbers up to 4-digit s by a 1-digit number, Multiplying numbers up to 4-digits by a 2-digit number, Dividing numbers up to 4-digits by a 2-digit number	Common factors, Common multiples, Recognising prime numbers up to 100, Square and cubes, Order of operations, Brackets, Mental calculations, Reasoning from known facts	Simplifying fractions, Fractions on a number line, Comparing and ordering fractions, Adding and subtracting fractions, Adding fractions, Subtracting fractions, Problem solving - adding and subtracting fractions	Multiplying a fraction by a whole number, Multiplying a fraction by a fraction, Dividing a fraction by a whole number, Four rules with fractions, Calculating fractions of amounts, Problem solving - fractions of amounts	Plotting coordinates in the first quadrant, Plotting coordinates, Plotting translations and reflections, Reasoning about shapes with coordinates	Multiplying by 10, 100 and 1000, Dividing by multiples of 10, 100 and 1000, Decimals as fractions, Fractions as decimals, Multiplying decimals, Dividing decimals

Spring Term — 12 Weeks

Fractions, Decimals and Percentages	Algebra	Measurement		Ratio and Proportion	Additional Lessons
9 Lessons	11 Lessons	5 Lessons	11 Lessons	9 Lessons	3 Lessons
Percentages	**Algebra**	**Imperial and Metric Measures**	**Perimeter, Area and Volume**	**Ratio and Proportion**	
Percentages of, Finding missing values, Converting fractions to percentages, Equivalent fractions, decimals and percentages, Mixed problem solving	Finding a rule, Using a rule, Formulae, Solving equations	Metric measures, Converting metric measures, Problem solving - metric measures, Miles and km, Imperial measures	Shapes with the same area, Area and perimeter, Area of a parallelogram, Area of a triangle, Problem solving - area, Problem solving - perimeter, Volume of a cuboid	Ratio, Scale drawings, Scale factors, Similar shapes, Problem solving - ratio and proportion,	

Summer Term — 12 Weeks

Geometry	Problem Solving	Statistic	Additional Lessons
12 Lessons	14 Lessons	10 Lessons	12 Lessons
Properties of Shapes	**Problem Solving**	**Statistics**	
Measuring with a protractor, Drawing shapes accurately, Angles in triangles, Angles in polygons, Vertically opposite angles, Equal distance, Parts of a circle, Nets,	Problem solving - place value, Problem solving - negative numbers, Problem solving - addition and subtraction, Problem solving - four operations, Problem solving - decimals, Problem solving - percentages, Problem solving - ratio and proportion, Problem solving - time, Problem solving - position and direction, Problem solving - properties of shapes	The mean, Introducing pie charts, Reading and interpreting pie charts, Fractions and pie charts, Percentages and pie charts, Interpreting line graphs, Constructing line graphs	*Additional sessions to be used for consolidations and revision sessions*