

Year 4 Sequenced Maths Journey



Intent . . . We Can, We Will

ALL Children Make
Exceptional Progress



Literacy is the Key
to Unlocking Learning



Fun with Memorable
Moments



Feeling Safe and
Ready to Learn



Empowered and
Autonomous



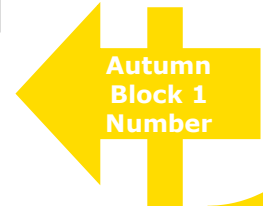
Kind to Self and
Others



All Pupils



| Hundreds | Tens | Ones |
|----------|------|------|
| H | T | O |
| | | |



Place Value

Find 1, 10, 100, 1000 more

Understand how to flexibly partition numbers to 10,000

Partition numbers to 10,000

Represent numbers to 10,000

Understand the composition of multiples of 1000

Understand number lines to 1000

Partition numbers to 1,000

Represent numbers to 1,000

Find 1, 10, 100, 1000 less

Understand number lines to 10,000

Estimate on a number line to 10,000

Compare numbers to 10,000

Order numbers to 10,000

Round to the nearest 10

Round to the nearest 100

Round to the nearest 1000

Round to the nearest 10,100,1000

Subtract two 4 digit numbers with more than one exchange

Subtract two 4 digit numbers with one exchange

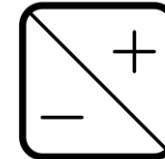
Subtract two 4 digit numbers with no exchange

Add two 4 digit numbers with more than one exchange

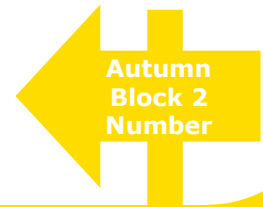
Add two 4 digit numbers with one exchange

Add up to two 4-digit numbers with no exchange

Add and subtract 1s, 10s, 100s, 1000s



Addition & Subtraction

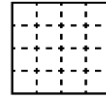


Understand how to subtract efficiently

Understand how to estimate answers

Understand how to use checking strategies

Autumn Block 3 Measurement



Area

Understand what area is

Count squares to find area

Make shapes with given areas

Compare areas



Multiplication & Division A

Autumn Block 4 Number

Multiply and divide by 7

Recall the 3X, 6X and 9X table

Recall 9X table and division facts

Multiply and divide by 9

Recall 6 X table and division facts

Multiply and divide by 6

Understand multiples of 3

Recall 7X table and division facts

Recall 11 X table and division facts

Recall 12 X table and division facts

Multiply by 1 and 0

Divide by 1 and itself

Multiply 3 numbers together

Year 4



Multiplication & Division B

Spring Block 1 Number

Related facts – multiplication & division

Divide by 100

Divide by 10

Multiply by 100

Multiply by 10

Use factor pairs

Factor Pairs

Informal written methods for multiplication

Multiply a 2-digit number by a 1-digit number

Multiply a 2-digit number by a 1-digit number

Multiply a 3-digit number by a 1-digit number

Divide a 2-digit number by a 1-digit number

Divide a 3-digit number by a 1-digit number

Correspondence problems

Efficient multiplication

Perimeter of polygons

Perimeter of regular polygons

Perimeter of rectilinear shapes

Perimeter of a rectangle

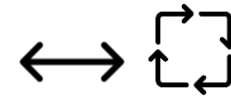
Perimeter on a grid

Equivalent lengths (km and m)

Measure in km and m

Length & Perimeter

Spring Block 2 Measurement



Year 4

Spring Block 3 Number

Fractions

- Understand the whole
- Count beyond 1
- Partition a mixed number
- Number lines with mixed numbers
- Compare and order mixed numbers
- Understand improper fractions
- Convert mixed numbers to improper fractions

Spring Block 4 Number

Decimals A

- Subtract from whole amounts and mixed numbers
- Subtract 2 fractions
- Add fractions and mixed numbers
- Add 2 or more fractions
- Equivalent fraction families
- Equivalent fractions on a number line
- Convert improper fractions to mixed numbers

Tenths as fractions and decimals

- Tenths on a place value chart
- Tenths on a number line
- Divide a 1-digit number by 10
- Divide a 2-digit number by 10
- Hundredths as fractions and decimals
- Hundredths on a place value chart
- Divide a 1 or 2-digit numbers by 100

Year 4

Halves & quarters as decimals

Round to the nearest whole number

Compare and order decimals

Flexibly partition decimals

Partition decimals

Make a whole with hundredths

Decimals B

Make a whole with tenths

Summer Block 1 Number

Summer Block 2 Measurement

Money

Write money using decimals

Convert between pounds & pence

Compare amounts of money

Estimate with money

Calculate with money

Solve problems with money

Consolidation

Summer Consolidation

Convert to and from the 24-hour clock

Convert between analogue and digital times

Hours, minutes & seconds

Years, months, weeks & days

Time

Summer Block 3 Measurement

Year 4

Summer
Block 4
Geometry

Shape

Understand
angles as
turns

Identify
angles

Compare &
order angles

Triangles

Quadrilaterals

Polygons

Lines of
symmetry

Complete a
symmetric
figure

Spring
Block 6
Geometry

Position & Direction

Describe
position using
co-ordinates

Draw line
graphs

Interpret line
graphs

Comparison,
sum &
difference

Interpret
charts

Statistics

Spring
Block 5
Statistics

Plot co-
ordinates

Draw 2D
shapes on a
grid

Translate on a
grid

Describe
translation on
a grid

Summer
Consolidation

Consolidation

Year 4