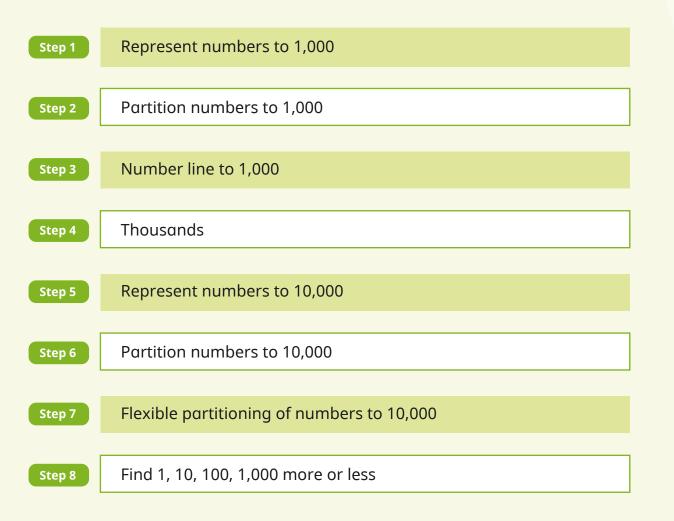# Yearly overview

The yearly overview provides suggested timings for each block of learning, which can be adapted to suit different term dates or other requirements.
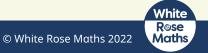
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number **Place value**				Number **Addition and subtraction**			Measurement **Area**	Number **Multiplication and division A**			Consolidation
Spring	Number **Multiplication and division B**			Measurement **Length and perimeter**	Number **Fractions**				Number **Decimals A**			
Summer	Number **Decimals B**		Measurement **Money**		Measurement **Time**		Consolidation	Geometry **Shape**			Statistics	Geometry **Position and direction**

White Rose Maths

Small steps

Step 1 Represent numbers to 1,000

Step 2 Partition numbers to 1,000

Step 3 Number line to 1,000

Step 4 Thousands

Step 5 Represent numbers to 10,000

Step 6 Partition numbers to 10,000

Step 7 Flexible partitioning of numbers to 10,000

Step 8 Find 1, 10, 100, 1,000 more or less

Small steps

Step 9	Number line to 10,000
Step 10	Estimate on a number line to 10,000
Step 11	Compare numbers to 10,000
Step 12	Order numbers to 10,000
Step 13	Roman numerals
Step 14	Round to the nearest 10
Step 15	Round to the nearest 100
Step 16	Round to the nearest 1,000

Small steps

| Step 17 | Round to the nearest 10, 100 or 1,000 |

Small steps

Step 1	Add and subtract 1s, 10s, 100s and 1,000s
Step 2	Add up to two 4-digit numbers – no exchange
Step 3	Add two 4-digit numbers – one exchange
Step 4	Add two 4-digit numbers – more than one exchange
Step 5	Subtract two 4-digit numbers – no exchange
Step 6	Subtract two 4-digit numbers – one exchange
Step 7	Subtract two 4-digit numbers – more than one exchange
Step 8	Efficient subtraction

Small steps

Step 9	Estimate answers
Step 10	Checking strategies

Small steps

Step 1	What is area?

Step 2	Count squares

Step 3	Make shapes

Step 4	Compare areas

Small steps

Step 1 Multiples of 3

Step 2 Multiply and divide by 6

Step 3 6 times-table and division facts

Step 4 Multiply and divide by 9

Step 5 9 times-table and division facts

Step 6 The 3, 6 and 9 times-tables

Step 7 Multiply and divide by 7

Step 8 7 times-table and division facts

Small steps

Step 9	11 times-table and division facts

Step 10	12 times-table and division facts

Step 11	Multiply by 1 and 0

Step 12	Divide a number by 1 and itself

Step 13	Multiply three numbers

Small steps

Step 1	Factor pairs
Step 2	Use factor pairs
Step 3	Multiply by 10
Step 4	Multiply by 100
Step 5	Divide by 10
Step 6	Divide by 100
Step 7	Related facts – multiplication and division
Step 8	Informal written methods for multiplication

Small steps

Step 9	Multiply a 2-digit number by a 1-digit number
Step 10	Multiply a 3-digit number by a 1-digit number
Step 11	Divide a 2-digit number by a 1-digit number (1)
Step 12	Divide a 2-digit number by a 1-digit number (2)
Step 13	Divide a 3-digit number by a 1-digit number
Step 14	Correspondence problems
Step 15	Efficient multiplication

Small steps

Step 1   Measure in kilometres and metres

Step 2   Equivalent lengths (kilometres and metres)

Step 3   Perimeter on a grid

Step 4   Perimeter of a rectangle

Step 5   Perimeter of rectilinear shapes

Step 6   Find missing lengths in rectilinear shapes

Step 7   Calculate perimeter of rectilinear shapes

Step 8   Perimeter of regular polygons

Small steps

Step 9	Perimeter of polygons

Small steps

Step 1 Understand the whole

Step 2 Count beyond 1

Step 3 Partition a mixed number

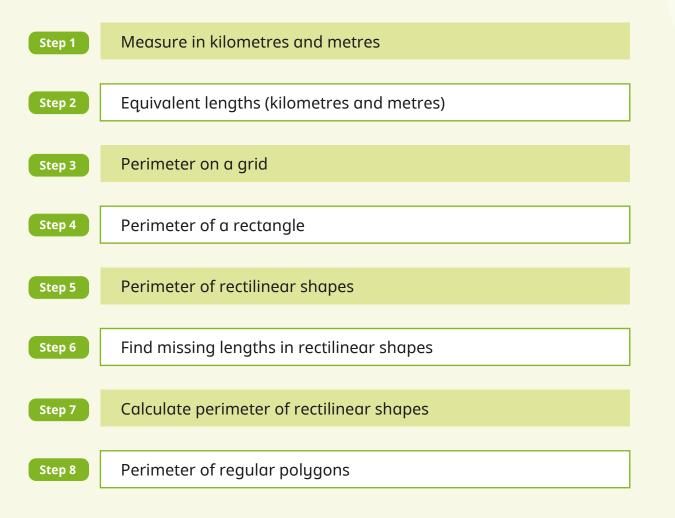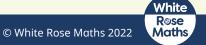**Step 4** Number lines with mixed numbers

Step 5 Compare and order mixed numbers

Step 6 Understand improper fractions

Step 7 Convert mixed numbers to improper fractions

Step 8 Convert improper fractions to mixed numbers

Small steps

Step 9	Equivalent fractions on a number line
Step 10	Equivalent fraction families
Step 11	Add two or more fractions
Step 12	Add fractions and mixed numbers
Step 13	Subtract two fractions
Step 14	Subtract from whole amounts
Step 15	Subtract from mixed numbers

Small steps

Step 1 Tenths as fractions

Step 2 Tenths as decimals

Step 3 Tenths on a place value chart

Step 4 Tenths on a number line

Step 5 Divide a 1-digit number by 10

Step 6 Divide a 2-digit number by 10

Step 7 Hundredths as fractions

Step 8 Hundredths as decimals

Small steps

Step 9	Hundredths on a place value chart

Step 10	Divide a 1- or 2-digit number by 100

Small steps

Step 1   Make a whole with tenths

Step 2   Make a whole with hundredths

Step 3   Partition decimals

Step 4   Flexibly partition decimals

Step 5   Compare decimals

Step 6   Order decimals

Step 7   Round to the nearest whole number

Step 8   Halves and quarters as decimals

Small steps

Step 1   Write money using decimals

Step 2   Convert between pounds and pence

Step 3   Compare amounts of money

Step 4   Estimate with money

Step 5   Calculate with money

Step 6   Solve problems with money

Small steps

Step 1 Years, months, weeks and days

Step 2 Hours, minutes and seconds

Step 3 Convert between analogue and digital times

Step 4 Convert to the 24-hour clock

Step 5 Convert from the 24-hour clock

Small steps

Step 1	Understand angles as turns
Step 2	Identify angles
Step 3	Compare and order angles
Step 4	Triangles
Step 5	Quadrilaterals
Step 6	Polygons
Step 7	Lines of symmetry
Step 8	Complete a symmetric figure

Small steps

Step 1 Interpret charts

Step 2 Comparison, sum and difference

Step 3 Interpret line graphs

Step 4 Draw line graphs

Small steps

Step 1	Describe position using coordinates

Step 2	Plot coordinates

Step 3	Draw 2-D shapes on a grid

Step 4	Translate on a grid

Step 5	Describe translation on a grid