White Rose Maths - Version 3.0

Schemes of Learning
Spring Term Overview

Year 4

Length of topic area is subject to the teacher's discretion, as some areas may need a longer focus to ensure the children fully understand what is being taught.

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 2022

Year 4

Spring Block 1

Multiplication and division B

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

Year 4

Spring Block 2

Length and perimeter

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

Step 9 Perimeter of polygons

Year 4

Spring Block 3

Fractions

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

Year 4

Spring Block 4

Decimals A

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