Year 4

Small Steps Breakdown

Summer Term

White Rose Maths

Year 4 – Yearly Overview

	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 - Length and Perimeter	Number- Multiplication and Division			Consolidation
Spring	Number- Multiplication and Division			Measurement - Area	Fractions				Decimals			Consolidation
Summer	Decimals		Measurement- Money		Time	Statistics		Geometry- Properties of Shape			Geometry- Position and Direction	Consolidation

Week 1 to 2 – Number: Decimals

Overview

Small Steps

- Make a whole
- Write decimals
- Compare decimals
- Order decimals
- Round decimals
- Halves and quarters

NC Objectives

Compare numbers with the same number of decimal places up to two decimal places.
Round decimals with one decimal place to the nearest whole number.
Recognise and write decimal equivalents to $\frac{1}{4}, \frac{1}{2}$ and $\frac{3}{4}$
Find the effect of dividing a one or two digit number by 10 or 100, identifying the value of the digits in the answer as ones, tenths and hundredths

Week 3 to 4 – Measurement: Money

Overview

Small Steps

- Pounds and pence
- Order money
- Round to estimate money
- Four operations with money

NC Objectives

Estimate, compare and calculate different measures, including money in pounds and pence.
Solve simple measure and money problems involving fractions and decimals to two decimal places.

Week 5 – Measurement: Time

Overview

Small Steps

- Hours, minutes and seconds
- Years, months, weeks and days
- Analogue to digital – 12 hour
- Analogue to digital – 24 hour

NC Objectives

Convert between different units of measure [for example, kilometre to metre; hour to minute]
Read, write and convert time between analogue and digital 12- and 24-hour clocks.
Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.

Week 6 to 7 - Statistics

Overview

Small Steps

- Interpret charts (discrete)
- Comparison, sum and difference
- Introduce line graphs
- Line graphs

NC Objectives

Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.
Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.

Week 8 to 10 – Geometry: Properties of Shape

Overview

Small Steps

- Identify angles
- Compare and order angles
- Triangles
- Quadrilaterals
- Lines of symmetry
- Complete a symmetric figure

NC Objectives

Identify acute and obtuse angles and compare and order angles up to two right angles by size.
Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.
Identify lines of symmetry in 2-D shapes presented in different orientations.
Complete a simple symmetric figure with respect to a specific line of symmetry.

Week 11 – Geometry: Position & Direction

Overview

Small Steps

- Describe position
- Draw on a grid
- Move on a grid
- Describe a movement on a grid

NC Objectives

Describe positions on a 2-D grid as coordinates in the first quadrant.
Plot specified points and draw sides to complete a given polygon.
Describe movements between positions as translations of a given unit to the left/ right and up/ down.