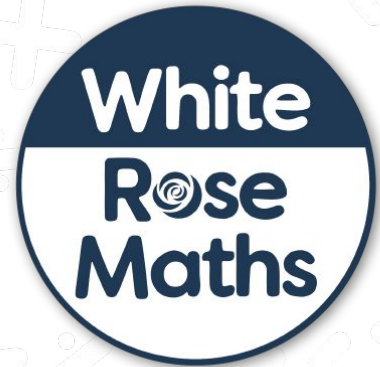


White Rose Maths - Version 3.0

Schemes of Learning Summer Term Overview



Year 5

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		Number Multiplication and division A			Number Fractions A			
Spring	Number Multiplication and division B			Number Fractions B		Number Decimals and percentages			Measurement Perimeter and area		Statistics	
Summer	Geometry Shape			Geometry Position and direction		Number Decimals			Number Negative numbers	Measurement Converting units		Measurement Volume

Year 5

Summer Block 1

Shape

Small steps

Step 1

Understand and use degrees

Step 2

Classify angles

Step 3

Estimate angles

Step 4

Measure angles up to 180°

Step 5

Draw lines and angles accurately

Step 6

Calculate angles around a point

Step 7

Calculate angles on a straight line

Step 8

Lengths and angles in shapes

Step 9

Regular and irregular polygons

Step 10

3-D shapes

Year 5

Summer Block 2

Position and direction

Small steps

Step 1

Read and plot coordinates

Step 2

Problem solving with coordinates

Step 3

Translation

Step 4

Translation with coordinates

Step 5

Lines of symmetry

Step 6

Reflection in horizontal and vertical lines

Year 5

Summer Block 3

Decimals

Small steps

Step 1 Use known facts to add and subtract decimals within 1

Step 2 Complements to 1

Step 3 Add and subtract decimals across 1

Step 4 Add decimals with the same number of decimal places

Step 5 Subtract decimals with the same number of decimal places

Step 6 Add decimals with different numbers of decimal places

Step 7 Subtract decimals with different numbers of decimal places

Step 8 Efficient strategies for adding and subtracting decimals

Step 9 Decimal sequences

Step 10 Multiply by 10, 100 and 1,000

Step 11 Divide by 10, 100 and 1,000

Step 12 Multiply and divide decimals – missing values

Year 5

Summer Block 4

Negative numbers

Small steps

Step 1

Understand negative numbers

Step 2

Count through zero in 1s

Step 3

Count through zero in multiples

Step 4

Compare and order negative numbers

Step 5

Find the difference

Year 5

Summer Block 5

Converting units

Small steps

Step 1

Kilograms and kilometres

Step 2

Millimetres and millilitres

Step 3

Convert units of length

Step 4

Convert between metric and imperial units

Step 5

Convert units of time

Step 6

Calculate with timetables

Year 5

Summer Block 6

Volume

Small steps

Step 1

Cubic centimetres

Step 2

Compare volume

Step 3

Estimate volume

Step 4

Estimate capacity