

Year 6 - SATs Style Problem Solving Sessions- Long Term Plan

This document has been created to supplement daily maths lessons and weekly arithmetic for 1 session per week (20 minutes).

Rationale

Our Year 6 SATs results suggest that children require more exposure to solving problems across all areas of the maths curriculum. These sessions will revolve around the same theme each week and provide children with more exposure to questions from wider areas of maths other than the main 4 operations. Sessions are to provide lots of opportunity for high quality talk and modelling, with children working in pairs to solve problems. To allow children in Year 6 time to be taught content from their year group, the first few weeks will involve problem solving from the Year 5 curriculum.

Autumn Term

White Rose Maths Unit	Academic Week and Objective
Place Value	Week 1- Fractions (Year 5)
	Week 2- Decimals (Year 5)
Addition, Subtraction, Multiplication and Division	Week 3- Percentages (Year 5)
	Week 4- Perimeter (Year 5)
	Week 5- Area (Year 5)
	Week 6- Statistics (Year 5)
	Week 7- Shape (Year 5)
Fractions A	Week 8- Position and Direction (Year 5)
	Week 9- Converting Units (Year 5)
Fractions B	Week 10- Addition and Subtraction
	Week 11- Multiplication and Division
Measurement- Converting Units	Week 12- Fractions A

Spring Term

White Rose Maths Unit	Academic Week and Objective
Ratio	Week 1- AFL BASED ON GAPS ANALYSIS FROM ASSESSMENTS
	Week 2- AFL BASED ON GAPS ANALYSIS FROM ASSESSMENTS
Algebra	Week 3- Fractions B
	Week 4- Converting Units of Measure
Decimals	Week 5- Ratio
	Week 6- Algebra
Fractions, Decimals and Percentages	Week 7- Addition and Subtraction
	Week 8- Multiplication and Division
Area, Perimeter and Volume	Week 9- Decimals
	Week 10- Fractions, Decimals and Percentages
Statistics	Week 11- Addition and Subtraction
	Week 12- Multiplication and Division

Summer Term

White Rose Maths Unit	Academic Week and Objective
Shape	Week 1- AFL BASED ON GAPS ANALYSIS FROM ASSESSMENTS
	Week 2- AFL BASED ON GAPS ANALYSIS FROM ASSESSMENTS
	Week 3- Area
Position and Direction	Week 4- Perimeter
Themed Projects, Consolidation and Problem Solving	Week 5- Volume
	Week 6- Shape
	Week 7- Position and Direction
	Week 8- Ratio/Algebra/Arithmetic to support any maths projects
	Week 9- Ratio/Algebra/Arithmetic to support any maths projects
	Week 10- Ratio/Algebra/Arithmetic to support any maths projects
	Week 11- Ratio/Algebra/Arithmetic to support any maths projects
	Week 12- Ratio/Algebra/Arithmetic to support any maths projects

