

# Whole School Maths Planning Yr 1 - 6

### The Daily Teaching input - White Rose Maths

The fundamental idea behind our curriculum design is to support pupils to be able to perform simpler tasks so they can then move on to perform more complex tasks. For example, we cannot expect pupils to add two numbers together before they understand what each individual number represents.

This gives rise to a sequence of 'blocks' of maths that you will see in each year group. Within each of these blocks we then have 'small steps' which are again sequenced in order of difficulty and dependency.

Each step builds carefully from the previous step, building on pupils' prior knowledge to develop new skills, with nothing left out. We want pupils to become fluent in the fundamentals of mathematics, to be able to reason and to solve problems. Our curriculum embraces these National Curriculum aims, and provides guidance to help pupils to become Visualisers (CPA), Describers (language) and Experimenters (problem solving)

Place value	•	Add and subtract multiples of 100	
Addition and		Add and subtract 3-digit and 1-digit numbers - not crossing 10	
Addition and	Add 3-digit and 1-digit numbers Subtract a 1-digit number from	Add 3-digit and 1-digit numbers - crossing 10	
Addition and Subtraction		Subtract a 1-digit number from a 3-digit number - crossing 10	
		Add and subtract 3-digit and 2-digit numbers - not crossing 100	
Multiplication		Add 3-digit and 1-digit numbers - crossing 10 Subtract a 1-digit number from a 3-digit number - crossing 10 Add and subtract 3-digit and 2-digit numbers - not crossing 100 Add 3-digit and 2-digit numbers - crossing 100	
and Division	•	Subtract a 2-digit number from a 3-digit number - crossing 100	

Fluency sessions, are short, snappy sessions, which allow children to retrieve previously taught knowledge in order to rehearse concepts.

Fluency also means automatic recall of key facts.

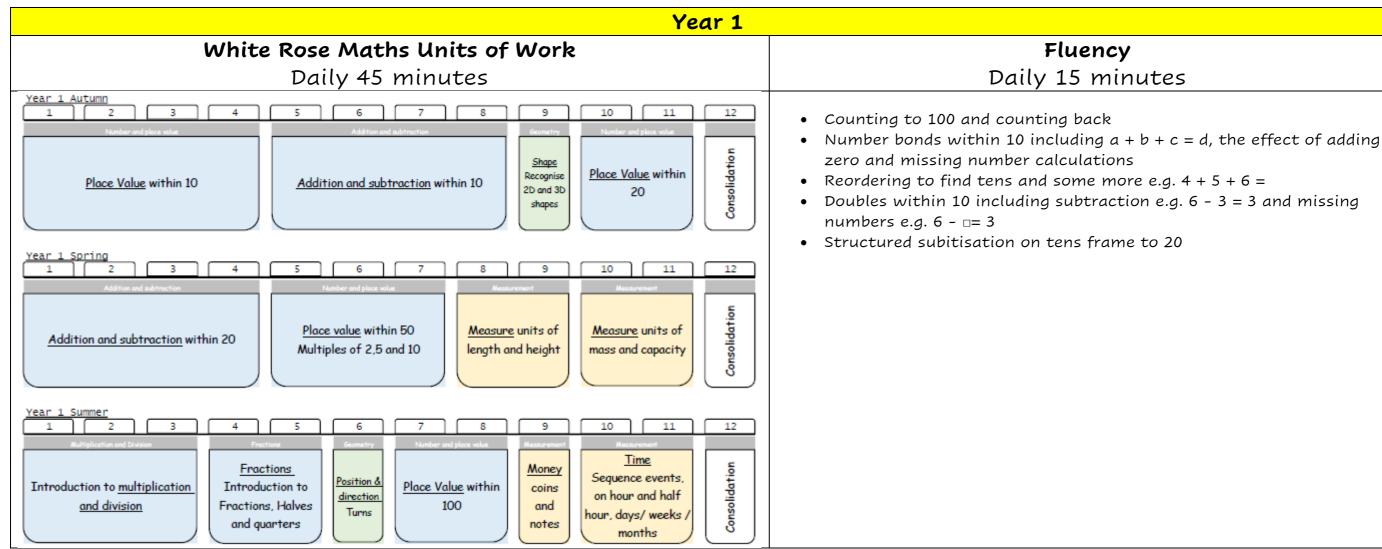
These are the facts which children should be able to recall at the end of each year group. Quick and efficient recall of facts enables our children to move between contexts, to make links and solve problems.

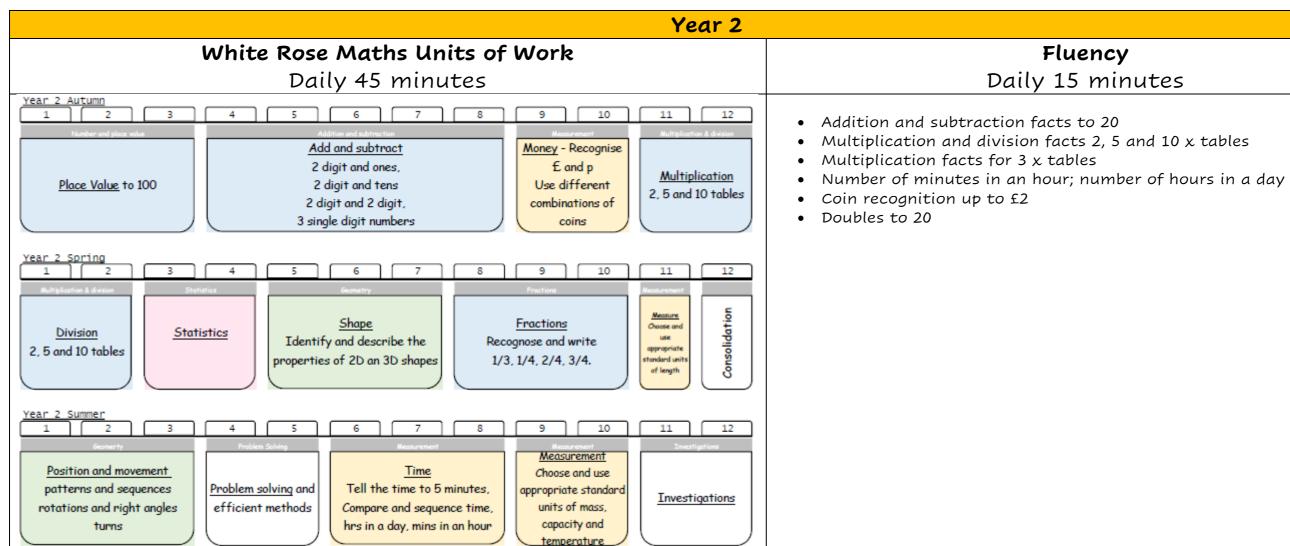
As a school we make time daily for children to practice fluency. We use the 'Target Your Maths' books in KS2 and Hamilton Maths in KS1.

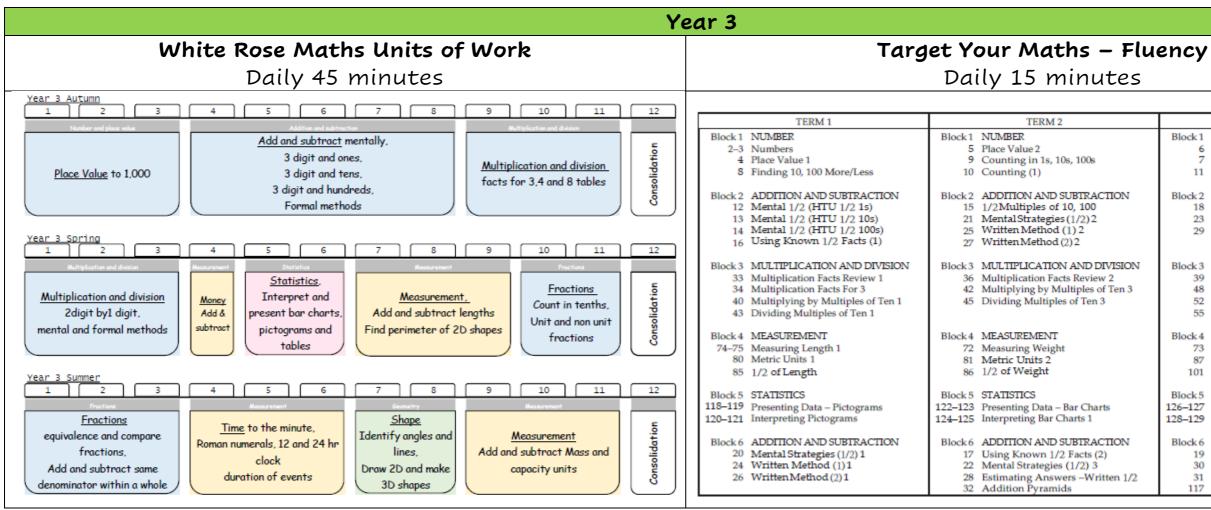




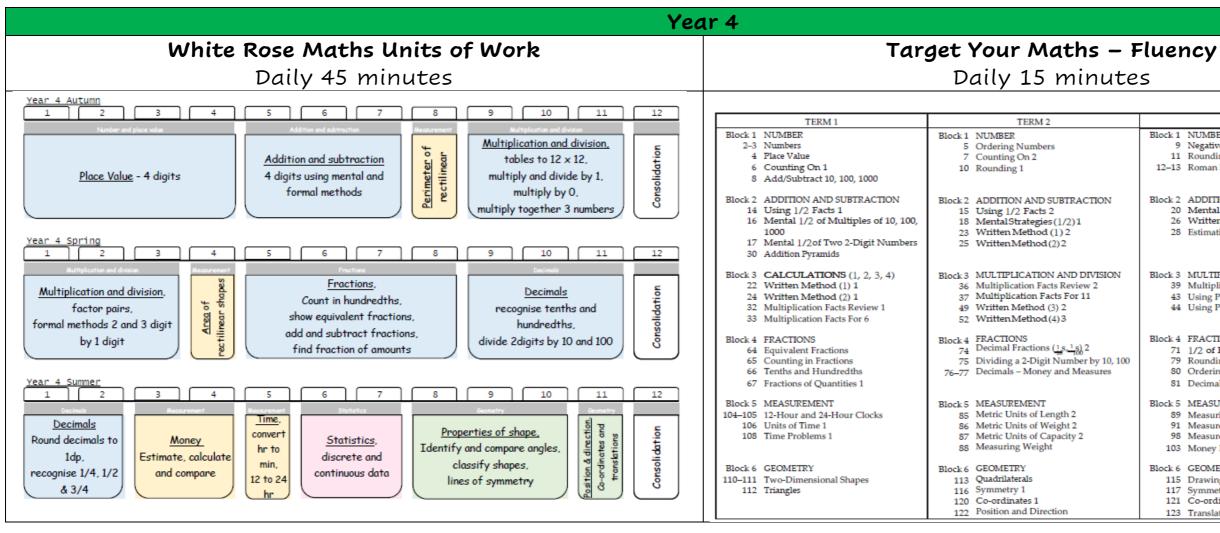
## Daily Fluency Practice - Target Your Maths



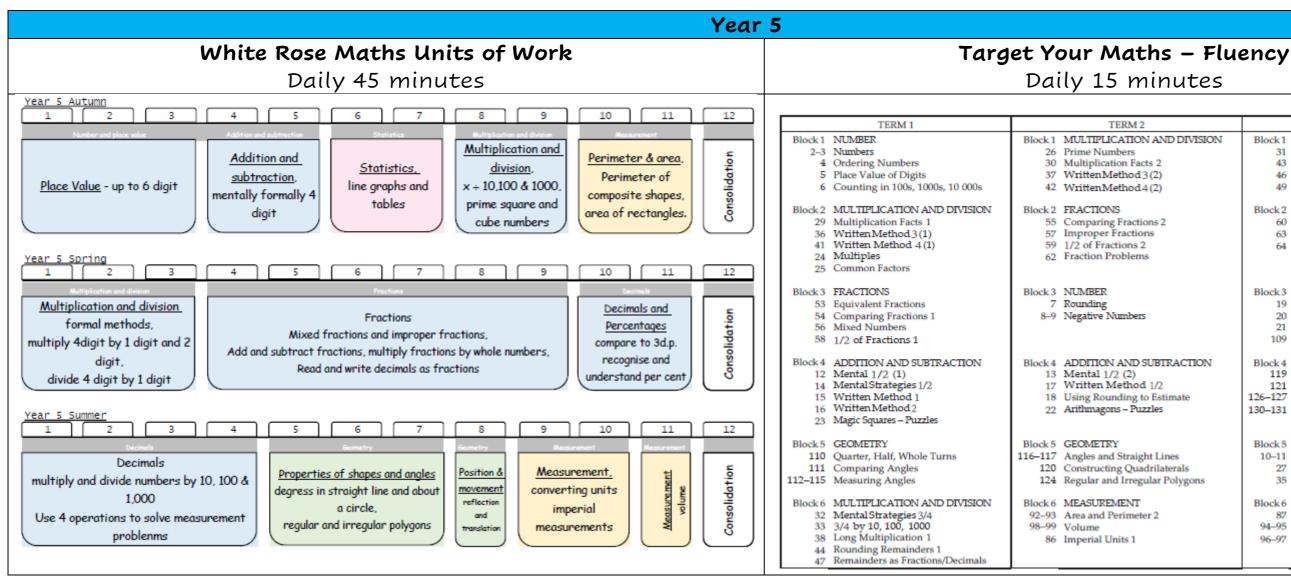




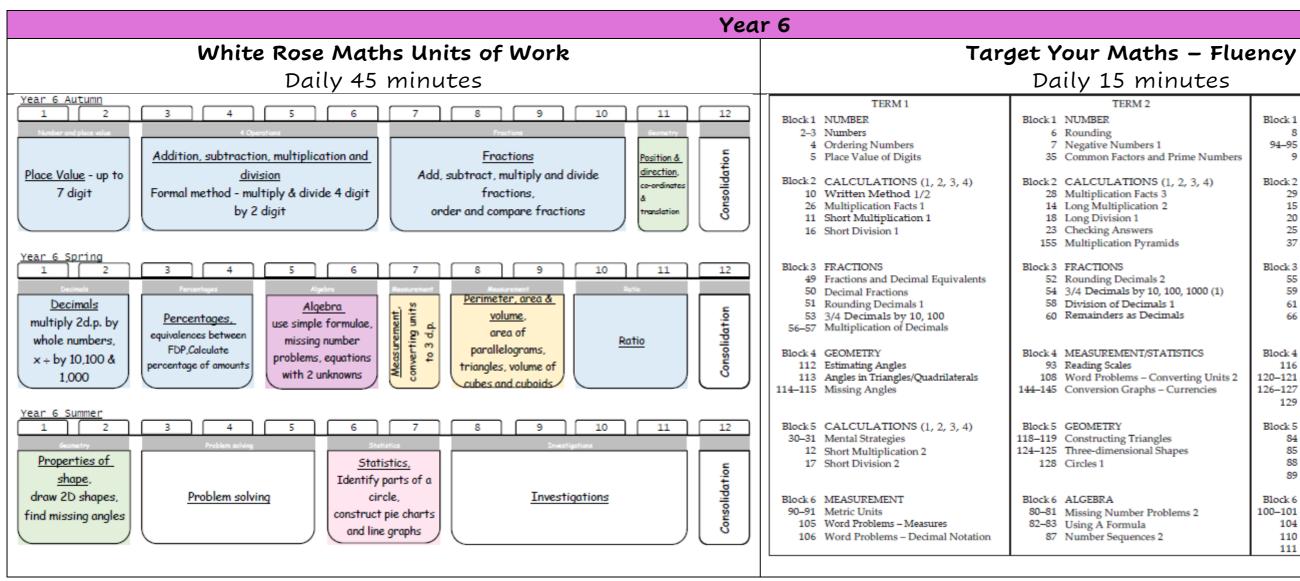
		TERM 3
	Block 1	NUMBER
	6	Place Value 3
	7	Ordering Numbers
	11	Counting (2)
TION		ADDITION AND SUBTRACTION
		Using Known 1/2 Facts (3)
		Mental Strategies (1/2) 4
	29	Checking Answers–Written 1/2
VISION	Block 3	MULTIPLICATION AND DIVISION
2	39	Multiplication Facts Review 3
Ten 3		Written Method (3) 3
	52	Written Method (4) 3
	55	WordProblems(3/4Facts)
	Block 4	MEASUREMENT
		Measuring Capacity
		1/2 of Capacity
	101	Measures Problems 2
	Plack F	STATISTICS
	2100110	
s		Interpreting Bar Charts 2
	128-129	Using Tables
TION	Block 6	ADDITION AND SUBTRACTION
	19	1/2 Near Multiples of 10/100
, ,		Missing Number Problems (1/2)
ten 1/2		Word Problems 1/2
	117	Magic Squares – Puzzles



		TERM 3
	Block 1	NUMBER
		Negative Numbers
		Rounding 2
	12-13	Roman Numerals
V	Block 2	ADDITION AND SUBTRACTION
		Mental Strategies (1/2) 3
	26	Written Method (1/2) 1
	28	Estimating and Checking Answers
ON		MULTIPLICATION AND DIVISION
		Multiplication Facts Review 3
		Using Partitioning to Multiply 2
	44	Using Partitioning to Divide
	Plack 4	FRACTIONS
		1/2 of Fractions 2
0.100		Rounding Decimals
s, 100		Ordering Decimals
2		Decimals on Number Lines
		MEASUREMENT
		Measuring Capacity
		Measures Problems 2
		Measures - Mental Calculations
	103	Money Problems (Mental) 2
	Block 6	GEOMETRY
	115	Drawing 2-D Shapes
	117	Symmetry 2
		Co-ordinates 2
	123	Translations



		TERM 3
I AND DIVISION	Block 1	MULTIPLICATION AND DIVISION
	31	Multiplication Facts 3
ts 2	43	WrittenMethod 4 (3)
3(2)	46	Rounding Remainders 3
(2)	49	Missing Number/Word Problems
	Block 2	FRACTIONS
		1/2 of Fractions 3
ns 2 hs		
15		Multiplying Fractions Fractions of Amounts
	04	Fractions of Amounts
,		
	Block3	ADDITION AND SUBTRACTION
	19	Using Rounding to Check
		Number Problems 1/2
	21	Multi-step Problems 1/2
	109	Addition Pyramids – Puzzles
UBTRACTION		GEOMETRY
10	1	Properties of Rectangles
1/2 Estimate		Diagonals and Quadrilaterals
zles	1	Reflections 2
Zies	130-131	Translations 2
	Block 5	NUMBER/MULT. AND DIVISION
nt Lines	10-11	Roman Numerals
irilaterals	27	Prime Factors
ilar Polygons	35	Square and Cube Numbers
		-
		MEASUREMENT
er 2		Imperial Units 2
	94-95	Comparing Areas
	96-97	Area-Scale Drawings



2		TERM 3	
	Block 1	NUMBER/MEASUREMENT	
	8	Negative Numbers 2	
rs 1		1/2 Negative Numbers	
and Prime Numbers	9	Magic Squares	
NS (1, 2, 3, 4)		CALCULATIONS (1, 2, 3, 4)	
cts 3		Multiplication Facts 4	
ion 2		Short/Long Multiplication	
	20	Short/Long Division	
rs	25	Rounding Up or Down	
ramids	37	Using Brackets	
		FRACTIONS	
als 2		3/4 Decimals by 10, 100, 1000 (2)	
10, 100, 1000 (1)		Division of Decimals 2	
mals 1		Remainders as Decimals/Fractions	
Decimals	66	Fractions/Percentages of Amounts	
STATISTICS	Block 4	GEOMETRY	
0111101100		Regular Polygons	
Converting Units 2		Constructing 2-D Shapes	
hs – Currencies		Building 3-D Shapes	
to currence		Circles 2	
	Block 5	ALGEBRA	
angles		Equations With Unknown Variables	
al Shapes	85	Finding All Possible Outcomes	
		Number Sequences 3	
		Number Sequences 4	
		-	
		MEASUREMENT	
Problems 2		Area of Triangles/Parallelograms	
		Comparing Volumes	
es 2		Multi-step Problems – Measures 2	
	111	Practical Measurement Problems	