

Year 6		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 term	White Rose Maths units	Place value		Four operations					Fractions				Converting units	
	Arithmetic lesson focus	Addition	subtraction	Short Multiplication	short division	long multiplication	Long multiplication	Long division	long division	Adding and subtracting fractions	Adding and subtracting mixed number fractions	Multiplying fractions	Dividing fractions	
	Number fact focus	Recall multiples of 12 in any order, including missing numbers and related division facts fluently. Recall multiples of all times tables up to 12 x 12 in any order, including missing numbers and related division facts with growing fluency						Mental recall of addition and subtraction strategies <ul style="list-style-type: none"> perform mental calculations, including with mixed operations and large numbers 						
	Problem solving focus	Working systematically <u>Working Systematically - Primary Teachers (maths.org)</u>			Write a list <u>Number (maths.org)</u>			Draw an image/act it out <u>Visualising at KS2 - Primary Teachers (maths.org)</u>			Split into small steps. <u>Reasoning and Convincing at KS2 - Primary Teachers (maths.org)</u> <u>Measurement (maths.org)</u>			
	White Rose Maths units	Ratio		Algebra		Decimals		Fractions, decimals and Percentages		Area, perimeter and volume		Statistics		
Arithmetic lesson focus	Arithmetic test	Long division – areas from test	Arithmetic test	+/- fractions X and divide fractions	Arithmetic test	Short and Long multiplication	Arithmetic test	Decimals +.- x and divide	Percentages	X and dividing by 10,100,1000	Arithmetic tests	Follow up with focus areas from test		
Number fact focus	Doubling and halving -double and halve decimal numbers up to 2dp.						Recall multiples of 12 in any order, including missing numbers and related division facts fluently. Recall multiples of all times tables up to 12 x 12 in any order, including missing numbers and related division facts with growing fluency							
Problem solving focus	Guess, Check and improve <u>Exploring and Noticing - Primary Teachers (maths.org)</u>			Working backwards			Spot a pattern/relationship <u>Conjecturing and Generalising - Primary Teachers (maths.org)</u> <u>Geometry (maths.org)</u>							
Spring term	White Rose Maths units	Ratio		Algebra		Decimals		Fractions, decimals and Percentages		Area, perimeter and volume		Statistics		
Arithmetic lesson focus	Arithmetic test	Long division – areas from test	Arithmetic test	+/- fractions X and divide fractions	Arithmetic test	Short and Long multiplication	Arithmetic test	Decimals +.- x and divide	Percentages	X and dividing by 10,100,1000	Arithmetic tests	Follow up with focus areas from test		
Number fact focus	Doubling and halving -double and halve decimal numbers up to 2dp.						Recall multiples of 12 in any order, including missing numbers and related division facts fluently. Recall multiples of all times tables up to 12 x 12 in any order, including missing numbers and related division facts with growing fluency							
Problem solving focus	Guess, Check and improve <u>Exploring and Noticing - Primary Teachers (maths.org)</u>			Working backwards			Spot a pattern/relationship <u>Conjecturing and Generalising - Primary Teachers (maths.org)</u> <u>Geometry (maths.org)</u>							

Summer term	White Rose Maths units	Shape		Position and direction	SAT's Revision	SAT's week	Investigations/ puzzles and problems	Investigations/ puzzles and problems	Investigations/ puzzles and problems	Investigations/ puzzles and problems	Investigations/ puzzles and problems	Investigations/ puzzles and problems	
	Arithmetic lesson focus	Arithmetic tests	Arithmetic tests	Arithmetic tests	Arithmetic tests								
	Number fact focus	Multiple and divide by 10, 100 or 1000						Recall of number facts – end of year expectations					
	Problem solving focus	Exploring and Noticing Exploring and Noticing - Primary Teachers (maths.org) Geometry (maths.org) Statistics (maths.org)						Working collaboratively Being Collaborative - Primary Teachers (maths.org)					

Maths through books - [Bookcase Maths: Teaching Maths Through Your Bookshelves](#)

Investigations linked to topic areas - [Primary Posters List \(maths.org\)](#)

Printable resources - [Printable Resources \(maths.org\)](#)

Interactive resources - [Primary Interactive Resources \(maths.org\)](#)