Reception Class Maths Planning Cycle

Children are taught using the White Rose objectives through interactive play and exploring numbers. Teaching and Learning of Mathematics in EYFS is planned and organised using Development Matters Early Years Foundation Stage Framework.

	Autumn Control of the												
Getting To	Getting To	Match, Sort and	Match, Sort and	Talk About	Talk About	It's Me 1,2,3	It's Me 1,2,3	Circles and	1,2,3,4,5	1,2,3,4,5	Shapes with 4		
Know You	Know You	Compare	Compare	Measure and	Measure and			Triangles			Sides		
				Patterns	Patterns								
	Spring Sp												
Alive In 5	Alive In 5	Mass And	Growing 6,7,8	Growing 6,7,8	Length, Height	Length, Height	Building 9 And	Building 9 And	Building 9 And	Exploring 3D	Exploring 3D		
		Capacity			And Time	And Time	10	10	10	Shapes	Shapes		
	Summer												
To 20 And	To 20 And	How Many Now?	Manipulate,	Manipulate,	Sharing and	Sharing and	Visualise, Build	Visualise, Build	Visualise, Build	Make	Consolidation		
Beyond	Beyond		Compose and	Compose and	Grouping	Grouping	and Map	and Map	and Map	Connections			
			Decompose	Decompose									

Year 1 and 2 Maths Planning Cycle (Larch, Beech, Willow)

Children are taught using the White Rose objectives. As they go through the year, key knowledge and skills are targeted and reviewed regularly during morning work and 'Simmering' at the beginning of maths lessons. Children also access the NCETM 'Mastering Number' scheme to give them a strong foundation of their number facts.

	Autumn												
Place	Place Pl	ace Place	Place	Addition	Addition	Additio	n Addition	Addition	Addition	Addition	Addition	Shape	Shape
Value	Value Va	alue Value	Value	&	&	&	&	&	&	&	&		
				Subtraction	Subtraction	Subtractio	on Subtraction	Subtraction	Subtraction	Subtraction	Subtraction		
	Spring Sp												
Addition	Idition Addition Addition		Money	Money	Multiplic	ation M	lultiplication	Fractions	Fractions	Time	e 7	Гime	Addition
&	&	& &		&		&						&	
Subtraction	Subtraction	Subtraction			Divisi	on	Division						Subtraction
	Summer												
Multiplication	Multiplication	Length	Length	Statistics	Positi	on	Position	Multiplication	Shape	Time	e Vo	olume	Shape
&	&	&	&		&		&	&	Fractions				Position
Division	Division	Height	Height		Direct	ion	Direction	Division					&
													Direction

Year 3 Maths Planning Cycle (Maple)

Children are taught using the White Rose objectives. As they go through the year, key knowledge and skills are targeted and reviewed regularly during morning work and 'Simmering' at the beginning of maths lessons.

	Autumn													
Place Value		/alue	Addition & Subtraction	Addition & Subtraction	Addition And Subtraction	Multiplication & Division	Multiplicate & Division	&	Time	Time	Length and Perimeter	Length and Perimeter	Shape	Shape
	Spring Spring													
Addition & Subtraction	Addition & Subtraction	8	ition & action	Money	Money	Multiplio & Divisi		Multiplication & Division	Fractions	Fractions	Time	e 1	ime	Addition & Subtraction
							Sumn	ner						
Multiplication & Division	Multiplication & Division	8	ngth & ight	Length & Height	Statistics	Positi & Direct		Position & Direction	Multiplication & Division	Shape Fractions	Time	e Vo	olume	Shape Position & Direction

Year 3 and 4 Maths Planning Cycle (Woodlands and Chestnut)

Children are taught using the White Rose objectives. As they go through the year, key knowledge and skills are targeted and reviewed regularly during morning work and 'Simmering' at the beginning of maths lessons.

							Autumi	1						
Place Value	Place Value	Place Value	Additio & Subtractio	&	Addition & Subtraction	Multiplication & Division	Multiplication & Division	Multiplication & Division	Time	Time	Area	Length & Perimeter	Shape	Shape
	Spring													
Addition & Subtraction	Multiplica & Divisio		tiplication & Pivision	Multiplication & Division	Shape	Leng & Perim		actions	Fractions	Fractions	Statistic	s Sta	itistics	Decimals
	Summer													
Decimals	Decima	ils	Shape	Time	Position & Direction	Mon	ey N	loney	Mass & Capacity	Mass & Capacity	Multiplicat & Division		actions	Shape Position &

Year 5 Maths Planning Cycle (Ash and Sycamore)

Children are taught using the White Rose objectives. As they go through the year, key knowledge and skills are targeted and reviewed regularly during morning work and 'Simmering' at the beginning of maths lessons.

							Δ	utumn						
Place	Place	Place	Addition	Additio	on SI	nape	Shape	Multiplication	Multiplication	Multiplication	Fractions	Fractions	Fraction	s Fractions
Value	value	Value	&	&				&	&	&				
			Subtraction	n Subtract	ion			Division	Division	Division				
	Spring Sp													
Statistics	Stati	stics	Multiplication	Multiplication	Multiplica	ition	Fractions	Fractions	Decimals	Decimals	Decimals	Sha	pe	Shape
			&	&	&				&	&	&			
			Division	Division	Divisio	on			Percentages	Percentages	Percentage	es		
							S	ummer						
Perimet	er Peri	meter	Position	Position	Decir	nals	Decimals	Decimals	Negative	Converting	Convert	ing Vo	lume	Shape
&		&	&	&					Numbers	Units	Units			Position
Area	Δ	rea	Direction	Direction						Of	Of			&
										Measure	Measu	re		Direction

Year 6 Maths Planning Cycle (Elm and Oak)

Children are taught using the White Rose objectives. As they go through the year, key knowledge and skills are targeted and reviewed regularly during morning work and 'Simmering' at the beginning of maths lessons.

	Autumn													
Place Value	Place Value	Addition, Subtraction, Multiplication and Division	Fractions	Fractions	Fractions	Fractions	Converting Units							
	Spring Spring													
Ratio	Ratio	Algebra	Algebra	Decimals	Decimals	Fractions Decimals and Percentages	Fractions Decimals and Percentages	Area, Perimeter, Volume	Area, Perimeter, Volume	Statistics	Statistics			
	Summer													
Shape	Shape	Shape	Position & Direction		Themed Projects, consolidation and problem solving									