


"We believe, we achieve, we succeed in God's family"


THANKFULNESS • COMMUNITY • COMPASSION • TRUTHFULNESS • COURAGE • FORGIVENESS

Mathematics Overview


"Nature is written in mathematical language." Galileo Galilei

EYFS												
Mathematics <i>We follow the White Rose Maths Scheme of Learning</i> 	Phase	Getting to know you <i>Opportunities for settling in, introducing the areas of provision and getting to know the children. Key times of the day, class routines. Exploring the continuous provision, inside and out. Where do things belong? Positional language.</i>	Just like me!	It's Me 1, 2, 3!	Light & Dark	Alive in 5!	Growing 6, 7, 8	Building 9 & 10	To 20 and beyond	First Then Now	Find my Pattern	On the Move
	Number	Match & sort Compare amounts	Representing, comparing & composition of 1, 2, 3	Representing numbers to 5 One more & one less	Introducing zero Comparing numbers to 5 Composition of 4 & 5	6, 7 & 8 Combining two amounts Making pairs	Counting to 9 & 10 Comparing numbers to 10 Bonds to 10	Building numbers beyond 10 Counting patterns beyond 10	Adding more Taking away	Doubling Sharing & grouping Even & odd	Deepening understating Patterns & relationships	
	Measure, Shape & Spatial Thinking	Compare size, mass & capacity Exploring pattern	Circles & triangles Positional language	Shapes with 4 sides Time	Compare mass (2) Compare capacity (2)	Length & height Time	3-d shapes Spatial Awareness Patterns	Spatial reasoning (1) Match, rotate and manipulate	Spatial reasoning (2) Compose & decompose	Spatial reasoning (3) Visualise & build	Spatial reasoning (4) Mapping	


YEAR 1 & 2

	AUT 1	AUT 2	SPR 1	SPR 2	SUM 1	SUM 2
Mathematics 	Number Place value within 10	Number Addition and subtraction - within 10 Geometry Shape	Number Place value within 20 – using money as a context Addition and Subtraction - within 20 – using money as a context Measures Money	Number Place value within 50 – using measures as a context Measures Length & height Mass & volume	Number Multiplication & division Fractions Geometry Position and direction – retrieval practise in Forest School sessions	Number Place Value within 100 – using money as a context Measures Time Consolidations and investigations

YEAR 3 & 4

	AUT 1	AUT 2	SPR 1	SPR 2	SUM 1	SUM 2
Mathematics 	Number Place value Addition and subtraction Use measures as a context Measures Area	Number Multiplication & division	Number Multiplication & division – using perimeter & area as a context where appropriate Measures Length & perimeter Mass & capacity	Number Fractions & decimals	Number Decimals (inc money) Measures Time	Geometry Properties of shape Position and direction – retrieval practise in Forest School sessions Consolidations and investigations

YEAR 5 & 6

	AUT 1	AUT 2	SPR 1	SPR 2	SUM 1	SUM 2
Mathematics 	Number Place value – inc negative numbers Addition and subtraction Four operations	Number Fractions, decimals & percentages Measures Converting units	Number Multiplication & division – using perimeter & area as a context where appropriate Statistics	Measures Area, perimeter & volume Number Ratio & proportion	Geometry Shape Position and direction – retrieval practise in Forest School sessions	Number Fractions, decimals & percentages Measures Converting units Consolidations and investigations