

Glenthorne Community Primary School

Maths overview 2021-2022

Year 4

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Autumn	Number: Place Value				Number: Addition and Subtraction			Measurement: Perimeter and Area		Number: Multiplication and Division			Consolidation and termly testing	
Spring	Number: Multiplication and Division			Measurement: Area	Number: Fractions				Number: Decimals and Percentages			Consolidation and termly testing		
Summer	Number: Decimals		Measurement: Money		Measurement: Time		Statistics	Geometry: Properties of Shape		Geometry: Position and Direction		Consolidation and termly testing		

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Autumn	Spring	Summer
Number: Place Value <ul style="list-style-type: none"> ➤ Round to the nearest 10 ➤ Round to the nearest 100 ➤ Count in 1000's ➤ 1000's, 100's, 10's and 1's ➤ Partitioning ➤ Number line to 10,000 ➤ 1,000 more or less ➤ Compare numbers ➤ Order numbers ➤ Round to the nearest 1,000 ➤ Count in 25's ➤ Negative numbers ➤ Roman numerals to 100 	Number: Multiplication and Division <ul style="list-style-type: none"> ➤ 11 and 12 times-table ➤ Multiply 3 numbers ➤ Factor pairs ➤ Efficient multiplication ➤ Written methods ➤ Multiply 2-digits by 1-digit ➤ Multiply 3-digits by 1-digit ➤ Divide 2-digits by 1-digit ➤ Divide 3-digits by 1-digit ➤ Correspondence problems 	Number: Decimals <ul style="list-style-type: none"> ➤ Bonds to 10 and 100 ➤ Make a whole ➤ Write decimals ➤ Compare decimals ➤ Order decimals ➤ Round decimals ➤ Halves and quarters
Number: Addition and Subtraction <ul style="list-style-type: none"> ➤ Add and subtract 1s, 10s, 100s and 1,000s ➤ Add two 4-digit numbers - no exchange ➤ Add two 4-digit numbers - one exchange ➤ Add two 4-digit numbers - more than one exchange ➤ Subtract two 4-digit numbers - no exchange ➤ Subtract two 4-digit numbers - one exchange ➤ Subtract two 4-digit numbers - more than one exchange ➤ Efficient subtraction ➤ Estimate answers 	Measurement: Area <ul style="list-style-type: none"> ➤ What is area? ➤ Counting squares ➤ Making shapes ➤ Comparing area 	Measurement: Money <ul style="list-style-type: none"> ➤ Pounds and pence ➤ Ordering money ➤ Estimating money ➤ Four operations

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➤ Checking strategies		
Measurement: Length and Perimeter <ul style="list-style-type: none"> ➤ Kilometres ➤ Perimeter on a grid ➤ Perimeter of a rectangle ➤ Perimeter of rectilinear shapes 	Number: Fractions <ul style="list-style-type: none"> ➤ What is a fraction? ➤ Equivalent fractions ➤ Fractions greater than 1 ➤ Count in fractions ➤ Add 2 or more fractions ➤ Subtract 2 fractions ➤ Subtract from whole amounts ➤ Calculate fractions of a quantity ➤ Problem solving - calculate quantities 	Measurement: Time <ul style="list-style-type: none"> ➤ Hours, minutes and seconds ➤ Years, months, weeks and days ➤ Analogue to digital - 12 hour ➤ Analogue to digital - 24 hour
Number: Multiplication and Division <ul style="list-style-type: none"> ➤ Multiply by 10 ➤ Multiply by 100 ➤ Divide by 10 ➤ Divide by 100 ➤ Multiply by 1 and 0 ➤ Divide by 1 and itself ➤ Multiply and divide by 6 ➤ 6 times table and division facts ➤ Multiply and divide by 9 ➤ 9 times table and division facts ➤ Multiply and divide by 7 ➤ 7 times table and division facts 	Number: Decimals <ul style="list-style-type: none"> ➤ Recognise tenths and hundredths ➤ Tenths as decimals ➤ Tenths on a place value grid ➤ Tenths on a number line ➤ Divide 1-digit by 10 ➤ Divide 2-digits by 10 ➤ Hundredths ➤ Hundredths as decimals ➤ Hundredths on a place value grid ➤ Divide 1 or 2-digits by 100 	Statistics <ul style="list-style-type: none"> ➤ Interpret charts ➤ Comparison, sum and difference ➤ Introducing line graphs ➤ Line graphs
		Geometry: Properties of Shape <ul style="list-style-type: none"> ➤ Identify angles ➤ Compare and order angles ➤ Triangles



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		<ul style="list-style-type: none">➤ Quadrilaterals➤ Lines of symmetry➤ Complete a symmetric figure
		Geometry: Position and Direction <ul style="list-style-type: none">➤ Describe position➤ Draw on a grid➤ Move on a grid➤ Describe movement on a grid