			Maths Curriculum Progres ns (including Decima			
			DUNTING IN FRACTIONAL			
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		Pupils should count in fractions up to 10, starting from any number and using the1/2 and 2/4 equivalence on the number line (Non Statutory Guidance)	count up and down in tenths	count up and down in hundredths		
	÷		RECOGNISING FRACTIO	NS	·	·
	recognise, find and name a half as one of two equal parts of an object, shape or quantity	recognise, find, name and write fractions $1/3$ , 1/4, $2/4$ and $3/4$ of a length, shape, set of objects or quantity	recognise, find and write fractions of a discrete set of objects: unit fractions and non- unit fractions with small denominators recognise that tenths arise from dividing an object into 10 equal parts and in dividing one – digit numbers or quantities by 10.	recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten	recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents (appears also in Equivalence)	
	recognise, find and name a quarter as one of four equal parts of an object, shape or quantity		recognise and use fractions as numbers: unit fractions and non- unit fractions with small denominators			
		·	COMPARING FRACTION	IS	·	
			compare and order unit fractions, and fractions with the same denominators		compare and order fractions whose denominators are all multiples of the same	compare and order fractions, including fractions >1

	number						

				COMPARING DECIMALS		
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
				compare numbers with	read, write, order and compare	identify the value of each
				the same number of	numbers with up to three decimal	digit in numbers given to
				decimal places up to two	places	three decimal places
				decimal places		
				ROUNDING INCLUDING DE	CIMALS	F
				round decimals with one	round decimals with two decimal	solve problems which
				decimal place to the	places to the nearest whole number	require answers to be
				nearest whole number	and to one decimal place	rounded to specified
						degrees of accuracy
			EQUIVALENCE	INCLUDING FRACTIONS, DECI	MALS AND PERCENTAGES)	
		write simple fractions	recognise and	recognise and show, using	identify, name and write equivalent	use common factors to
		e.g. $^{1}/_{2}$ of 6 = 3 and	show, using	diagrams, families of	fractions of a given fraction,	simplify fractions; use
		recognise the	diagrams,	common equivalent	represented visually, including	common multiples to
		-	equivalent	fractions	tenths and hundredths	express fractions in the
		equivalence of $^{2}/_{4}$ and	fractions with			same denomination
		<sup>1</sup> / <sub>2</sub> .	small			
		<sup>7</sup> 2 <sup>.</sup>	denominators			
				recognise and write	read and write decimal numbers as	associate a fraction with
				decimal equivalents of	fractions (e.g. $0.71 = \frac{71}{100}$ )	division and calculate
				any number of tenths or	100 <sup>1</sup> / <sub>100</sub>	decimal fraction equivalent
				hundredths		(e.g. 0.375) for a simple
					recognise and use thousandths and	fraction (e.g. $^{3}/_{\circ}$ )
					relate them to tenths, hundredths	
					and decimal equivalents	
				recognise and write	recognise the per cent symbol (%)	recall and use equivalences
				decimal equivalents to $\frac{1}{4}$ ;	and understand that per cent relates	between simple fractions,
					to "number of parts per hundred",	decimals and percentages,
					and write percentages as a fraction	including in different

		1	Maths Curriculum Pro	<b>v</b>	•	
			<sup>1</sup> / <sub>2</sub> ; <sup>3</sup> / <sub>4</sub>	with denomin fraction	ator 100 as a decimal	contexts.
			ADDITION AND SUBTRACTION	N OF FRACTIONS		
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
			add and subtract fractions with the same denominator within one whole (e.g. $\frac{5}{7} + \frac{1}{7}$ = $\frac{6}{7}$ )	add and subtract fractions with the same denominator	add and subtract fractions with the same denominator and multiples of the same number recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number (e.g. $2^{\prime}/2$	add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions
		Ň	<b>IULTIPLICATION AND DIVISIO</b>	N OF FRACTIONS		
					multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagram	

						divide proper fractions by whole numbers (e.g. $\frac{1}{3} \div 2 = \frac{1}{6}$ )
	1		LTIPLICATION AND DIVISIO	ON OF DECIMALS		
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
						multiply one-digit numbers with up to two decimal places by whole numbers
				find the effect of		multiply and divide
				dividing a one- or two-		numbers by 10, 100 and
				digit number by 10 and		1000 where the
				100, identifying the		answers are up to three
				value of the digits in the		decimal places
				answer as ones, tenths		
				and hundredths		
						identify the value of
						each digit to three
						decimal places and
						multiply and divide
						numbers by 10, 100
						and 1000 where the
						answers are up to three decimal places
						associate a fraction with
						division and calculate
						decimal fraction
						equivalents (e.g. 0.375)
						for a simple fraction
						(e.g. <sup>3</sup> / <sub>8</sub> )
						use written division
						methods in cases where
						the answer has up to

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				-		two decimal places
			PROBLEM SOLVI	NG		
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
			solve problems that	solve problems	solve problems	
			involve all of the above	involving increasingly	involving numbers up to	
				harder fractions to	three decimal places	
				calculate quantities,		
				and fractions to divide		
				quantities, including		
				non-unit fractions		
				where the answer is a		
				whole number	solve problems which	
				solve simple measure and money problems	require knowing	
				involving fractions and	percentage and decimal	
				decimals to two		
				decimal places.	equivalents of $\frac{1}{2}, \frac{1}{4},$	
					$1/_{5}, 2/_{5}, 4/_{5}$ and those	
					with a denominator of a	
					multiple of 10 or 25.	
			VOCABULARY			
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Whole	Whole	Three quarters, one third,	Numerator,	Equivalent decimals and	Proper fractions, improper	Degree of accuracy
	Environmente formanisel	a third	denominator	fractions	fractions, mixed numbers	
Equal	Equal parts, four equal parts	Equivalence, equivalent				Simplify
One half	parts	Equivalence, equivalent	Unit fraction, non-unit		Percentage	
One nam	One half, two halves		fraction			
					Half, quarter, fifth, two	
	A quarter, two quarters		Compare and		fifths, four fifths	
			order			
			Tautha		Ratio, proportion	
			Tenths			