

COUNTING IN FRACTIONAL STEPS								
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6			
	Pupils should count in	count up and down in tenths	count up and down in					
	fractions up to 10, starting		hundredths					
	from any number and using							
	the1/2 and 2/4 equivalence							
	on the number line (Non							
	Statutory Guidance)							
		RECOGNISIN	G FRACTIONS					
recognise, find and name a	recognise, find, name and	recognise, find and write	recognise that hundredths	recognise and use				
half as one of two equal	write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$, and	fractions of a discrete set of	arise when dividing an object	thousandths and relate them				
parts of an object, shape or		objects: unit fractions and	by one hundred and dividing	to tenths, hundredths and				
quantity	³ / ₄ of a length, shape, set of	non-unit fractions with small	tenths by ten	decimal equivalents				
	objects or quantity	denominators		(appears also in Equivalence)				
		recognise that tenths arise						
		from dividing an object into						
		10 equal parts and in						
		dividing one — digit numbers						
		or quantities by 10.						
recognise, find and name a		recognise and use fractions						
quarter as one of four equal		as numbers: unit fractions						
parts of an object, shape or		and non-unit fractions with						
quantity		small denominators						





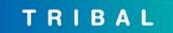






COMPARING FRACTIONS						
	compare and order unit fractions, and fractions with the same denominators		compare and order fractions whose denominators are all multiples of the same number	compare and order fractions, including fractions >1		

	COMPARING DECIMALS							
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6			
			compare numbers with the same	read, write, order and compare numbers with	identify the value of each digit in			
			number of decimal places up to	up to three decimal places	numbers given to three decimal			
			two decimal places		places			
	ROUNDING INCLUDING DECIMALS							
			round decimals with one decimal	round decimals with two decimal places to	solve problems which require			
			place to the nearest whole	the nearest whole number and to one decimal	answers to be rounded to specified			
			number	place	degrees of accuracy			
		EQUIVALENCE (INCLUDING FRACTIONS, DECI	•				
	write simple fractions e.g.	recognise and show,	recognise and show, using	identify, name and write equivalent fractions	use common factors to simplify			
	$\frac{1}{2}$ of 6 = 3 and recognise	using diagrams,	diagrams, families of common	of a given fraction, represented visually,	fractions; use common multiples to			
	the equivalence of $^2/_4$ and	equivalent fractions	equivalent fractions	including tenths and hundredths	express fractions in the same			
	the equivalence of 74 and	with small			denomination			
	1/2.	denominators						
			recognise and write decimal	read and write decimal numbers as fractions	associate a fraction with division			
			equivalents of any number of	$(e.g. \ 0.71 = {}^{71}/_{100})$	and calculate decimal fraction			
			tenths or hundredths	- 100	equivalents (e.g. 0.375) for a			











		recognise and write de equivalents to ${}^1\!\!/_{4'}$, ${}^1\!\!/_{2'}$		them to tenths, hun equivalents recognise the per cunderstand that per or parks per hundrestand that per hundrestand that per hundrestands.	thousandths and relate dredths and decimal ent symbol (%) and r cent relates to "number ed", and write percentages denominator 100 as a	recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.
		ADDITION AND SUBTRA	ACTION OF	FRACTIONS		
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. ${}^{5}/_{7} + {}^{1}/_{7} = {}^{6}/_{7}$)	with the sa	ubtract fractions ame denominator	add and subtract fractions with the same denominator and multiples of the same number recognise mixed numbers a improper fractions and convert from one form to to other and write mathematis statements >1 as a mixed number (e.g. $^2/_5 + ^4/_5 = ^6/_5$ $1^1/_5$)	with different denominators and mixed numbers, using the concept of equivalent fractions ne cal
		MULTIPLICATION AND D	TAISION (JE EKAUTIUNS	multiply proper fractions a mixed numbers by whole numbers, supported by	nd multiply simple pairs of proper fractions, writing the answer in its simplest form











				materials and diagrams	(e.g. $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$) multiply one-digit numbers with up to two decimal places by whole numbers divide proper fractions by whole numbers (e.g. $\frac{1}{3} \div 2 = \frac{1}{6}$)
		MULTIPLICATION AND	DIVISION OF DECIMALS		
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
			find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the		multiply one-digit numbers with up to two decimal places by whole numbers multiply and divide numbers by 10, 100 and 1000 where the answers are up to three 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	
					$(e.g. ^3/_8)$	
					use written division methods	
					in cases where the answer	
					has up to two decimal places	
PROBLEM SOLVING						
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
		solve problems that involve all	solve problems involving	solve problems involving		
		of the above	increasingly harder fractions	numbers up to three decimal		
			to calculate quantities, and	places		
			fractions to divide quantities,			
			including non-unit fractions			
			where the answer is a whole			
			number			
			solve simple measure and	solve problems which require		
			money problems involving	knowing percentage and decimal		
			fractions and decimals to two	equivalents of 1/2, 1/4, 1/5, 2/5, 4/5		
			decimal places.	and those with a denominator		
				of a multiple of 10 or 25.		

