



PROGRESSION IN FRACTIONS YEAR 4

Strand	What do I already know?	What am I going to be learning?	What will I learn in Year 5?
Counting in fraction steps	count in fractions up to 10, starting from any number and using the $\frac{1}{2}$ and $\frac{2}{4}$ equivalence on the number line – Y2 Count up and down in tenths – Y3	count up and down in hundredths	
Recognising fractions	recognise, find and name a half and a quarter as one of two or four equal parts of an object, shape or quantity - Y1 recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity – Y2 recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators – Y3 recognise that tenths arise from dividing an object into 10 equal parts and in dividing one – digit numbers or quantities by 10 – Y3 recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators – Y3	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
Equivalence	write simple fractions e.g. $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$ - Y2 recognise and show, using diagrams, equivalent fractions with small denominators – Y3	recognise and show, using diagrams, families of common equivalent fractions	identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths
Addition and subtraction	add and subtract fractions with the same denominator within one whole (e.g. $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$ – Y3	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
Problem solving	solve problems that involve all of the above	solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number solve simple measure and money problems involving fractions	
Vocabulary	Divide, multiply, denominator, numerator, unit and non-unit fractions, compare, order, equal parts, scales, number line, bar model, equivalent		

