PROGRESSION IN FRACTIONS YEAR 5

Strand	What do I already know?	What am I going to be learning?	What will I learn next?
Recognising fractions	Halves and quarters of objects, shapes or quantities – Y1 Thirds and three quarters of length, set or shape – Y2 Unit and no-unit fractions of sets (small denominators) – Y3 Tenths – Y3 Fractions as numbers – Y3 Hundredths – Y4	recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents	
Comparing fractions	Compare and order fractions with same denominators – Y3	compare and order fractions whose denominators are all multiples of the same number	compare and order fractions, including fractions >1
Equivalence	write simple fractions e.g. 1/2 of 6 = 3 and recognise the equivalence of 2/4 and ½ - Y2 recognise and show, using diagrams, equivalent fractions with small denominators – Y3 recognise and show, using diagrams, families of common equivalent fractions – Y4	identify, name and write equivalent fractions, represented visually, including tenths and hundredths recognise and use thousandths and relate them to tenths, hundredths	associate a fraction with division and calculate decimal fraction equivalents (e.g. 0.375) for a simple fraction (e.g. 3/8
Addition and subtraction	add and subtract fractions with the same denominator within one whole (e.g. 5/7 + 1/7 = 6/7) – Y3 add and subtract fractions with the same denominator – Y4	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	add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions
Problem solving	Solve problems involving fractions – Y3 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 – Y4 solve simple measure and money problems involving fractions – Y4	Solve problems involving fractions (and decimals).	
Vocabulary	Equivalent, improper, mixed number, compare, order, greatest, smallest, ascending, descending, numerator, denominator, integer, multiple, factor, common, product.		