PROGRESSION IN FRACTIONS (Decimals B) YEAR 4

Strand	What do I already know?	What am I going to be learning?	What will I learn in Year 5?
Comparing decimals		compare numbers with the same number of decimal places up to two decimal places	read, write, order and compare numbers with up to three decimal places
Rounding including decimals		round decimals with one decimal place to the nearest whole number	round decimals with two decimal places to the nearest whole number and to one decimal place
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 write decimal equivalents of any number of tenths or hundredths recognise and write decimal equivalents to 1/4; 1/2; 3/4	read and write decimal numbers as fractions (e.g. 0.71 = 71/100) recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents. recognise the per cent symbol (%) and understand that per cent relates to "number of parts per hundred", and write percentages as a fraction with denominator 100 as a decimal
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 and decimals to two decimal places	solve problems involving numbers up to three decimal places. solve problems which require knowing percentage and decimal equivalents of 1/2, 1/4, 1/5, 2/5, 4/5 and those with a denominator of a multiple of 10 or 25.
Vocabulary	Divide, multiply, denominator, numerator, decimal, decimal place, decimal point, place value, equivalent, tenths, hundredths		