



PROGRESSION IN FRACTIONS (DECIMALS B) YEAR 5

Strand	What do I already know?	What am I going to be learning?	What will I learn next?
Addition and subtraction of decimals	<i>Addition and subtraction of whole numbers (integers) Y1-3</i>	Adding and subtracting decimals, including a mix of whole numbers and decimals, decimals with different numbers of decimal places, and complements of 1 (for example, $0.83 + 0.17 = 1$). <i>(from NC Non-statutory guidance)</i>	
Multiplication and division of decimals	find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths	multiply and divide numbers by 10, 100 and 1000 <i>(from Y6 – covered now to support converting measures)</i>	multiply and divide numbers by 10, 100 and 1000 where the answers are up to three decimal places
Problem solving	Solve problems involving fractions – Y3 solve simple measure and money problems involving fractions and decimals to two decimal places – Y4	solve problems involving numbers up to three decimal places solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those with a denominator of a multiple of 10 or 25.	
Vocabulary	Equivalent, compare, order, greatest, smallest, ascending, descending, integer, decimal place, tenths, hundredths, thousandths.		