



PROGRESSION IN DECIMALS YEAR 6

Strand	What do I already know?	What am I going to be learning?	What will I learn next?
Comparing decimals	compare numbers with the same number of decimal places up to two decimal places – Y4 read, write, order and compare numbers with up to three decimal places – Y5	identify the value of each digit in numbers given to three decimal places	KS3 maths
Rounding decimals	round decimals with one decimal place to the nearest whole number – Y4 round decimals with two decimal places to the nearest whole number and to one decimal place – Y5	solve problems which require answers to be rounded to specified degrees of accuracy	
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 – Y4	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 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 use written division methods in cases where the answer has up to two decimal places	
Vocabulary	Equivalent, compare, order, greatest, smallest, ascending, descending, integer, decimal place, tenths, hundredths, thousandths.		

Note: this unit is followed by related work on fractions, decimals and percentages.