

Decimals

		Read and Represent	Compare	Calculations	F.D.P
Development Matters	0 – 3				
	3 – 4				
	FS2				
White Rose	Y1				
	Y2				
	Y3				
	Y4	Recognise and write decimals equivalents of any number of tenths and hundredths. Recognise and write decimals equivalents of $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$.	Round decimals with one decimal place to the nearest whole number. Compare numbers with the same number of decimal places.	Find the effect of divide 1 or 2 digit numbers by 10 and 100.	Solve simple measure and money problems involving fractions and decimals to two decimal places.
	Y5	Read and write decimals numbers as fractions. Recognise and use thousandths and relate them to tenth and hundredth equivalents.	Round decimals with two decimal places to the nearest whole number and to 1 decimal place. Compare, and order numbers up to three decimal places.	Solve problems using numbers up to 3 decimal places.	Recognise % and understand percent relates to the number of parts per hundred. Write percentages as a fraction with a denominator of 100 and as a decimal. Solve problems which involve knowing percentages and decimal equivalents.

	Y6	Identify the value of each digit in numbers given to three decimal places.		<p>Multiply and divide by 10, 100 and 1000 up to 3 decimal places.</p> <p>Multiply one digit numbers with up to 2 decimal places by whole numbers.</p> <p>Use written division methods where the answer has up to 2 decimal places.</p> <p>Solve problems where the answers need to be rounded to a specified degree of accuracy.</p>	<p>Associate a fraction with division and calculate decimal fraction equivalents.</p> <p>Recall and use equivalences between fractions, decimals and percentages in different context.</p>
	KS3				<p>Understand the concept of percentages and use this to find percentages of a quantity. Compare the result of two percentage calculations. For example 15% of 40 and 10% of 50.</p> <p>Understand the interrelated nature of fractions, decimals and percentages, converting between them and ordering with increasing fluency.</p>