



Maths Progression of Skills (based on White Rose and Power Maths)

	F1	F2	ELG	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Fractions: Recognise and Write		Beginning to use the term "half" and understand it means sharing into 2 equal parts (Summer Term)		Recognise find and name a half as one of two equal parts of an object shape or quantity Recognise find an name a quarter as one of four equal parts of an object shape or quantity	Recognise find name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length shape set of objects or quantity.	Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one digit numbers in or quantity's by 10 Recognise find and write fractions of a discrete set of objects: unit fractions and non unit fractions with small denominators Recognise and use fractions as numbers: unit fractions and non unit fractions with small denominators	Count up and down in hundredths; recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10	Identify name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements >1 as mixed number for example	



Maths Progression of Skills (based on White Rose and Power Maths)

Fractions: Compare					<p>Recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$</p>	<p>Recognise and show using diagrams, equivalent fractions with small denominators</p> <p>Compare and order unit fractions, and fractions with the same denominators</p>	<p>Recognise and show using diagrams, families of common equivalent fractions</p>	<p>Compare and order fractions whose denominators are all multiples of the same number</p>	<p>Use common factors to simplify fractions; use common multiples to express fractions in the same denomination</p> <p>Compare and order fractions, including fractions > 1</p>
Fractions: Calculations					<p>Write simple fractions</p> <p>For example $\frac{1}{2}$ of 6 = 3</p>	<p>Add and subtract fractions with the same denominator within one whole for example $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$</p>			



Maths Progression of Skills (based on White Rose and Power Maths)

Fractions: Solve Problems						Solve problems that involve all of the above	Solve problems involving increasingly hard fractions to calculate quantities, and fractions to divide quantities, including non unit fractions where the answer is a whole number		
Decimals: Recognise and write							Recognise and write decimal equivalents of any number of tenths or hundredths Recognise and write decimal equivalent to $\frac{1}{4}$ $\frac{1}{2}$, $\frac{3}{4}$	Read and write decimal numbers as fractions for example $0.71 = \frac{71}{100}$ Recognise and use thousandths and relate them to tenths hundredths and decimal equivalents	Identify the value of each digit in numbers given to three decimal places



Maths Progression of Skills (based on White Rose and Power Maths)

Decimals: Compare							<p>Round decimals with one decimal place to the nearest whole</p> <p>Number compare numbers with the same number of decimal places up to two decimal places</p>	<p>Round decimals with two decimal places to the nearest whole number and to one decimal place</p> <p>Read, write, order and compare numbers with up to three decimal places</p>	
-------------------	--	--	--	--	--	--	---	--	--



Maths Progression of Skills (based on White Rose and Power Maths)

Decimals: Calculations and Problems							Find the effect of dividing a one or two digit number by 10 and 100 identifying the value of the digits in the answers as ones, tenths and hundredths	Solve problems involving number up to three decimal places	Multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places Multiply 1 digit numbers with up to two decimal places by whole numbers Use written division methods in cases where the answer has up to two decimal places Solve problems which require answers to be rounded to specific degrees of accuracy
-------------------------------------	--	--	--	--	--	--	--	--	---



Maths Progression of Skills (based on White Rose and Power Maths)

Fractions, Decimals and Percentages							Solve simple measure and money problems involving fractions and decimals to two decimal places	Recognise the percent symbol and understand that percent relates to number of parts per hundred and write percentages as a fraction with the denominator 100 and as a decimal	Associate a fraction with division and calculate decimal equivalents for a simple fraction
								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 fractions with the nominator of a multiple of 10 or 25	Recall and use equivalence is between simple fractions decimals and percentages including in different contexts