Year 5 Programme of Study – Fractions

Statutory Requirements	Worksheet	Notes
Compare and order fractions whose denominators are all multiples of the same number.	Compare Fractions Order Fractions	
Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.	Equivalent Fractions Tenths Hundredths	
Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number [for example, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$.	Improper Fractions and Mixed Numbers	
Add and subtract fractions with the same denominator and denominators that are multiples of the same number.	Add Fractions Subtract Fractions	
Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.	Multiply Proper Fractions with Diagrams	
Read and write decimal numbers as fractions (for example, $0.71 = \frac{71}{100}$).	Write Decimal Numbers as Fractions	
Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.	Recognise and Use up to Thousandths	

Round decimals with two decimal places to the nearest whole number and to one decimal place.	Round Decimal Numbers	
Read, write, order and compare numbers with up to three decimal places.	Identify the Value of Decimal Digits Ordering Numbers with up to Three Decimal Places	
Solve problems involving number up to three decimal places.	The Olympics Numbers up to Three Decimal Places	
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, and as a decimal.	Visual Representations of Percentages Visual Representations of Fractions, Decimals and Percentages	
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 a denominator of a multiple of 10 or 25.	Percentage and Decimal Equivalents	