

Year 4 Medium Term Plan – Fractions Small Steps

Place Value NC Objectives	Small Steps
<ul style="list-style-type: none"> Recognise and show, using diagrams, families of common equivalent fractions. 	<ul style="list-style-type: none"> What is a fraction? Understand the word equivalent - equals Diagrams Draw diagrams Concrete apparatus
<ul style="list-style-type: none"> Count up and down in hundredths; recognise that hundredths arise when dividing an object by a hundred and dividing tenths by ten. 	<ul style="list-style-type: none"> Count in tens. Count in hundreds. Count in tenths – links to tenths. Count in hundredths – link to hundreds. Use concrete apparatus to understand divide a whole one by 10 and dividing a ten by 100. Use number line to represent tenths and hundredths.
<ul style="list-style-type: none"> Solve problems involving increasingly harder fractions to calculate quantities, including non -unit fractions where the answer is a whole number. 	<ul style="list-style-type: none"> What is a fraction? Fractions of shapes. Understand unit and non unit fractions – show pictorial and concrete examples. Calculate fractions of numbers – pictorially.
<ul style="list-style-type: none"> Add and subtract fractions with the same denominator. 	<ul style="list-style-type: none"> Understand the term numerator and denominator Add and subtract fractions using pictorial examples and diagrams. Use concrete apparatus. Add 2 or more fractions.
<ul style="list-style-type: none"> Recognise and write decimal equivalents of any number of the tenths or hundredths. Recognise and write decimal equivalents to $\frac{1}{4}$ $\frac{1}{2}$ and $\frac{3}{4}$ Find the effect of dividing a one or two -digit number by 10 and the 100, identifying the value of the digits in the answer as ones, tenths and hundredths 	<ul style="list-style-type: none"> What is a decimal? Understand how decimals are the same as fractions, just a different way of writing it. Match fractions to decimal equivalents. Use place value chart

<ul style="list-style-type: none">• Round decimals with one decimal place to the nearest whole number	<ul style="list-style-type: none">• Remind and practise rounding.• Round money and measurements
<ul style="list-style-type: none">• Compare numbers with the same number of decimal places up to two decimal places.	<ul style="list-style-type: none">• Number lines to compare numbers and understand decimals.
<ul style="list-style-type: none">• Solve simple measure and money problems involving fractions and decimals to two decimal places.	<ul style="list-style-type: none">• Use money and concrete apparatus to solve problems.• Number lines