Year 1  To recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.  To write simple fractions for example, 1/2 of 6 = 3 and recognise the equivalence of two quarters and one half.  To recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.  To compare and order fractions whose denominators are all multiples of the same number.  To identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.  To compare and order fractions whose denominators are all multiples of the same number.  To identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.  To compare and order fractions whose denominators are all multiples of the same number.  To identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.  To compare and order fractions whose denominators are all multiples of the same number.  To identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.  To add and subtract fractions with different denominators.  To recognise and show, using diagrams, families of compane aguivalent fractions and convert denominators.	Progression in Fractions/Decimals/Percentages & Misc Year 6								
name a quarter as one of four equal parts of an object, shape or quantity.  To write simple fractions for example, 1/2 of 6 = 3 and recognise the equivalence of two quarters and one half.  To compare and order unit fractions with small denominators.  To compare and order unit fractions, and fractions with the same denominators.  To solve problems that involving an object path hundred and dividing tenths by ten.  To identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths: recognise that hundredths: recognise that hundredths: recognise that hundredths arise when dividing an object by a hundred and dividing tenths by ten.  To identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.  To add and subtract fractions with different denominators, using the concept of equivalent fractions.  To recognise and show, using diagrams, families of the show.  To recognise and show, using diagrams, families of the show.  To recognise and show, using diagrams, families of the same number.  To identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.  To add and subtract fractions with different denominators, using the concept of equivalent fractions.  To recognise and show, using diagrams, families of the show.	Year 1			1	T	Year 6			
To count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10.  To recognise and show, using diagrams, equivalent fractions with small denominators.  To find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the	To recognise, find and name a quarter as one of four equal parts of an	To recognise, find, name and write fractions 1/3, 1/4, 2/4 and 3/4.  To write simple fractions for example, 1/2 of 6 = 3 and recognise the equivalence of two quarters	To recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.  To recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.  To compare and order unit fractions, and fractions with the same denominators.  To solve problems that involve all of the above.  To count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10.  To recognise and show, using diagrams, equivalent fractions with small denominators.  To add and subtract fractions with the same denominator within one	To count up and down in hundredths; recognise that hundredths arise when dividing an object by a hundred and dividing tenths by ten.  To solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number.  To recognise and show, using diagrams, families of common equivalent fractions.  To recognise and write decimal equivalents of any number of tenths or hundredths.  To recognise and write decimal equivalents to 1/4; 1/2; 3/4.  To 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 units,	To compare and order fractions whose denominators are all multiples of the same number.  To identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.  To recognise mixed numbers and improper fractions and convert from one form to the other; write mathematical statements > 1 as a mixed number: 2/5 + 4/5 = 6/5 = 11/5.  To add and subtract fractions with the same denominator and multiples of the same number.  To multiply proper fractions and mixed numbers by whole numbers, supported by	To compare and order fractions, including fractions >1.  To use common factors to simplify fractions; use common multiples to express fractions in the same denomination.  To add and subtract fractions with different denominators, using the concept of equivalent fractions.  To associate a fraction with division to calculate decimal fraction equivalents(0.375) for a simple fraction (3/8).  To solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.  To multiply simple pairs of proper fractions, writing the answer in its simplest form(1/4 ÷ 1/2 = 1/8).  To divide proper fractions by whole numbers (1/3 ÷ 2 = 1/6).  To multiply one-digit			

To round decimals with one decimal places by whole To read, write, order and decimal place to the nearest numbers. compare numbers with up whole number. to three decimal places. To use written division To compare numbers with methods in cases where the To read and write decimal the same number of decimal answer has up to two numbers as fractions (for places up to two decimal decimal places. example, 0.71 = 71/100). places. To solve problems which To recognise and use To solve simple measure and require answers to be thousandths and relate money problems involving rounded to specified them to tenths. fractions and decimals to degrees of accuracy. two decimal places. hundredths and decimals To solve problems involving equivalents. the calculation of percentages of whole To round decimals with numbers or measures and two decimal places to the the use of percentages for nearest whole numbers comparison. and to one decimal place. To recall and use To recognise the per cent equivalences between simple symbol (%) and fractions, decimals and understand that per cent percentages, including different contexts. relates to "number of parts per hundred", and write percentages as a fraction with denominator hundred, and as a decimal fraction. To solve problems which require knowing percentage and decimal equivalents of 1/2, 1/4, 1/5, 4/5 and those with a denominator of a multiple of 10 or 25.

MISC YEAR SIX			To use their knowledge of the order of operations to
			carry out calculations involving the four operations.
			To express missing number problems algebraically.
			To use simple formulae expressed in words.
			To find pairs of numbers that satisfy number sentences involving two unknowns.
			To generate and describe linear number sequences.
			To enumerate all possibilities of combinations of two variables
			To solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts
			To solve problems involving similar shapes where the scale factor is known or can be found