

Fractions

N	<ul style="list-style-type: none"> Sharing toys Recognising same and different 	R	<ul style="list-style-type: none"> Sharing toys Sharing items in sharing circles Recognising same, different and equal Recognising the whole as any object before it has been split into parts. Cutting things in half to share
Y1	<ul style="list-style-type: none"> Recognise & find half of an object, shape or quantity. Recognise & find quarter of an object, shape or quantity. 	Y2	<ul style="list-style-type: none"> To introduce the terms part and whole. To understand equal and unequal parts. To recognise and find a half To recognise and find a quarter To recognise and find a third To find the whole To find a unit and non unit fraction of a shape. To find a unit fraction of an amount. To recognise the equivalence of a half and two quarters To recognise and find three quarters To count in fractions to a whole
Y3	<ul style="list-style-type: none"> Understand the denominators of unit fractions Compare and order unit fractions Understand the numerators of non-unit fractions Understand the whole Compare and order non-unit fractions Fractions and scales Fractions on a number line Count in fractions on a number line Equivalent fractions on a number line Equivalent fractions as bar models Add and subtract fractions Unit fractions and non-unit fractions of a set of objects 	Y4	<ul style="list-style-type: none"> To understand the whole Count beyond 1 Partition a mixed number Number line with mixed numbers Compare and order mixed numbers Understand improper fractions Convert mixed numbers to improper fractions Convert improper fractions to mixed numbers Equivalent fractions on a number line Equivalent fraction families Add two or more fractions Add fractions and mixed numbers Subtract two fractions Subtract from whole numbers Subtract from mixed numbers Tenths as fractions and decimals Tenths on a place value chart and number line Divide a 1 or 2 digit number by 10 and 100 Hundredths as fractions and decimals Hundredths on a place value chart Make a whole with tenths/hundredths Partition decimals Compare and order decimals Round to the nearest whole number Halve and quarters as decimals
Y5	<ul style="list-style-type: none"> To find fractions equivalent to a unit fraction/ non-unit fraction To convert improper fractions to mixed numbers. To recognise the place value of numbers up to 2 decimal places. To explore equivalent fractions and decimals (hundredths, (halves, quarters, fifths and tenths). To convert mixed numbers to improper fractions. To compare and order fractions To explore thousandths as fractions and decimals To order and compare decimals To add and subtract fractions To add and subtract mixed numbers. To add and subtract two mixed numbers. To order and compare decimals with up to 3 decimal places To round to the nearest whole number/1 decimal place To multiply a unit/non unit fraction by an integer. To multiply a mixed number by an integer. To calculate the fraction of a quantity/amount. To find the whole, using a fraction of an amount. To use fractions as operators. To recognise percentages as fractions/decimals. To recognise equivalent fractions, decimals and percentages. To add and subtract decimals To recognise decimal sequences. To multiply and divide by 10, 100 and 1,000. Multiply and divide decimals - missing values. 	Y6	<ul style="list-style-type: none"> To use my knowledge of common factors to simplify fractions. To use my knowledge of common multiples to make equivalent fractions. To compare and order fractions To add and subtract fractions. To add and subtract fractions with mixed numbers. To multiply proper fractions by integers and fractions To divide proper fractions by integers and fractions To identify the value of each digit in numbers up to three decimal places. To round decimals to the nearest integer, tenth and hundredth. To add and subtract decimals To multiply 1 digit numbers with up to two decimal places by whole numbers. To divide decimals by integers To use a fraction as division to calculate decimal/fraction equivalents. To understand fractions to percentage equivalents. To order fractions, decimals and percentages. To use equivalences between fractions, decimals and percentages in different contexts. To calculate percentage of an amount To calculate the whole number from a given percentage. To solve problems which require answers to be rounded to specified degrees of accuracy.