



FRACTIONS YEAR 6

Strand	What do I already know?	What am I going to be learning?	What will I learn next?
Comparing fractions	Compare and order fractions with same denominators – Y3 compare and order fractions whose denominators are all multiples of the same number – Y5	compare and order fractions, including fractions >1	KS3 Maths
Equivalence	write simple fractions e.g. $1/2$ of $6 = 3$ and recognise the equivalence of $2/4$ and $1/2$ - Y2 recognise and show, using diagrams, equivalent fractions with small denominators – Y3 recognise and show, using diagrams, families of common equivalent fractions – Y4 identify, name and write equivalent fractions, represented visually, including tenths and hundredths – Y5 recognise and use thousandths and relate them to tenths, hundredths – Y5	associate a fraction with division (<i>also with decimals, later in the year</i>)	
Addition and subtraction	add and subtract fractions with the same denominator within one whole (e.g. $5/7 + 1/7 = 6/7$) – Y3 add and subtract fractions with the same denominator – Y4 add and subtract fractions with the same denominator and multiples of the same number – Y5 recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number – Y5	add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions	
Multiplication and division of fractions	Multiplication and division of whole numbers KS1 and 2. multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams – Y5	multiply simple pairs of proper fractions, writing the answer in its simplest form (e.g. $1/4 \times 1/2 = 1/8$) divide proper fractions by whole numbers (e.g. $1/3 \div 2 = 1/6$)	
Vocabulary	Equivalent, improper, mixed number, compare, order, greatest, smallest, ascending, descending, numerator, denominator, (lowest) common denominator, integer, multiple, factor, common, product, simplify, simplest form.		