

Meadgate Primary School Progression of Skills Maths

Fractions	
Recognise and write (Year 1)	Can they recognise, find and name a half as one of two equal parts of an object, shape or quantity? Can they recognise, find and name a quarter as one of four equal parts of an object, shape or quantity?
Recognise and write (Year 2)	Can they recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity?
Recognise and write (Year 3)	Can they 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? Can they recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators? Can they recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators?
Recognise and write (Year 4)	Can they count up and down in hundredths: recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten?
Recognise and write (Year 5)	Can they identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths? Can they recognise mixed numbers and improper fractions and convert one for to the other and write mathematicval statements >1 as a mixed number (for example $\frac{3}{5} + \frac{4}{5} = \frac{6}{5} = 1 \frac{1}{5}$)
Recognise and write (Year 6)	

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Fractions	
Compare (Year 1)	
Compare (Year 2)	Can they recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$?
Compare (Year 3)	
Compare (Year 4)	Can they recognise and show, using diagrams, families of common equivalent fractions?
Compare (Year 5)	Can they compare and order fractions whose denominators are all multiples of the same number?
Compare (Year 6)	Can they use common factors to simplify fractions; using common multiples to express fractions in the same denomination? Can they compare and order fractions, including fractions >1 ?

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Fractions	
Calculations (Year 1)	
Calculations (Year 2)	Can they simple fractions (for example $\frac{1}{2}$ of $6 - 3$)?
Calculations (Year 3)	Can they add and subtract fractions with the same denominator within one whole (for example $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$)?
Calculations (Year 4)	Can they add and subtract fractions with the same denominator?
Calculations (Year 5)	Can they add and subtract fractions with the same denominator and denominators that are multiples of the same number? Can they multiply proper fraction and mixed numbers by whole numbers, supported by materials and diagrams?
Calculations (Year 6)	Can they add and subtract fractions with different denominators and mixed numbers, using the concepts of equivalent fractions? Can they multiply simple pairs of proper fractions, writing the answer in its simplest form? Can they divide proper fractions by whole numbers?

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Fractions	
Solve Problems (Year 1)	
Solve Problems (Year 2)	
Solve Problems (Year 3)	Can they solve problems that use all of the above?
Solve Problems (Year 4)	Can they 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?
Solve Problems (Year 5)	
Solve Problems (Year 6)	