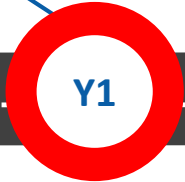


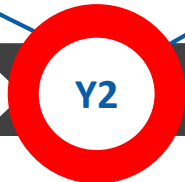
# Fractions curriculum road map



**Recognise & Write: Su2**  
 Recognise, find and name a half as one of two equal parts of an object or quantity  
 Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity



**Recognise & Write: Sp4**  
 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



**Calculations: Sp4**  
 Write simple fractions for example  $\frac{1}{2}$  of  $6 = 3$

**Recognise & Write: Sp5**  
 Count up and down in tenths; recognise that tenths arise from dividing an object into ten equal parts and in dividing one-digit numbers or quantities by 10  
 Recognise, find and write fractions of a discrete set of objects: unit fractions with small denominators and non-unit fractions with small denominators  
 Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators



**Calculations: Su1**  
 Add and subtract fractions with the same denominator within one whole for example  $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$

**Solve Problems: Sp5, Su1**  
 Solve problems that involve all of the above

**Compare: Su1**  
 Recognise and show, using diagrams, equivalent fractions with small denominators  
 Compare and order unit fractions, and fractions with the same denominators

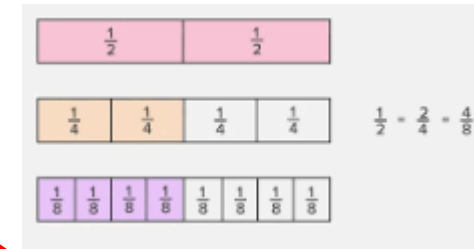
**Compare: Sp3**  
 Recognise and show, using diagrams, families of common equivalent fractions



**Recognise & Write: Sp3**  
 Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten

**Compare: Sp4**  
 Recognise the equivalence of  $\frac{2}{4}$  and  $\frac{1}{2}$

**Calculations: A3**  
 Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions  
 Multiply simple pairs of proper fractions, writing the answer in its simplest form (for example  $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$ )  
 Divide proper fractions by whole numbers (for example  $\frac{1}{3} \div 2 = \frac{1}{6}$ )



**Calculations: Sp3**  
 Add and subtract fractions with the same denominator

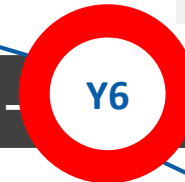
**Solve Problems: Sp3**  
 Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number.



**Compare: Sp2**  
 Compare & order fractions whose denominators are all multiples of the same number

**Calculations: Sp3**  
 Add and subtract fractions with the same denominator and denominators that are multiples of the same number  
 Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams

**Recognise & Write: Sp2**  
 Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths  
 Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements  $> 1$  as a mixed number (eg.  $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1 \frac{1}{5}$ )



**Compare: A3**  
 Use common factors to simplify fractions; use common multiples to express fractions in the same denomination  
 Compare and order fractions including fractions  $> 1$

