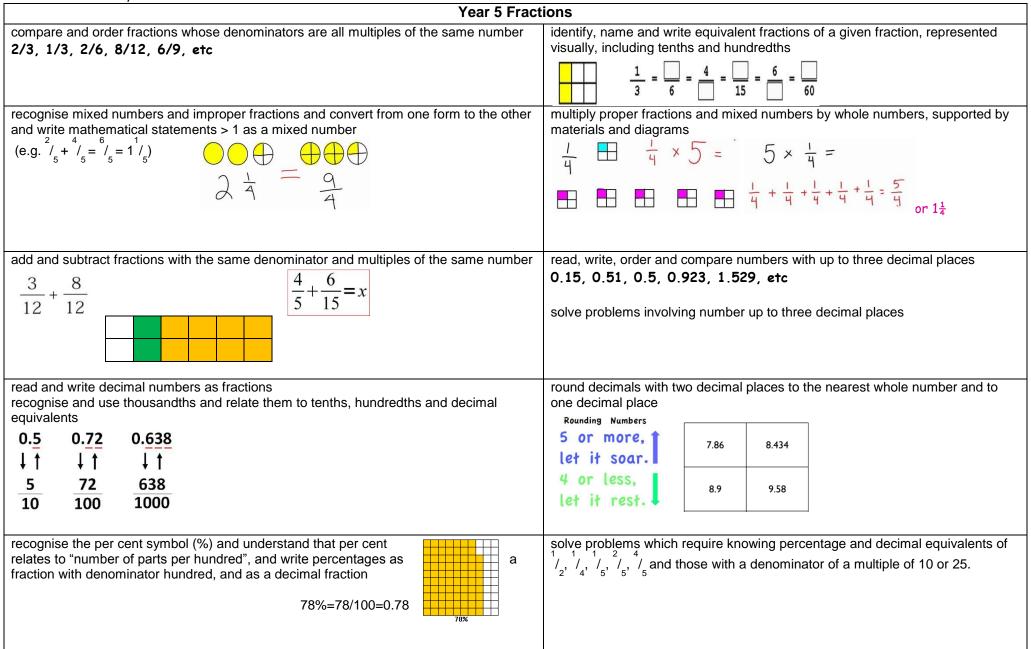


KS 2 Fractions Policy

Year 4 Fractions		
recognise and show, using diagrams, families of common equivalent fractions $\frac{1}{3} = \frac{1}{6} = \frac{4}{15} = \frac{6}{15} = \frac{6}{60} = \frac{1}{3} \times \frac{2}{5} = \frac{2}{6} \times \frac{2}{5} = \frac{4}{12}$	count up and down in hundredths; recognise that hundredths arise when dividing an object by a hundred and dividing tenths by ten050/1001	
compare numbers with the same number of decimal places up to two decimal places 0.45, 0.9, 1.5, 1.55, 2.02, etc	add and subtract fractions with the same denominator $\frac{2}{9}$ $\frac{4}{9}$ $\frac{6}{9}$ $\frac{5}{9}$ $\frac{3}{9}$ $\frac{2}{9}$	
recognise and write decimal equivalents of any number of tenths or hundredths recognise and write decimal equivalents to $1/4; 1/2; 3/4$	round decimals with one decimal place to the nearest whole number Rounding Numbers 5 or more, let it soar. 4 or less, 7 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 7.9 8	
decimals: $\begin{array}{c} 1 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\$	let it rest.	
find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value digits in the answer as units, tenths and hundredths	solve simple measure and money problems involving fractions and decimals to two decimal places. An adult ticket costs £2.20. A child's ticket is half price. How much does it cost for a child?	
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	£2.20	

St. John's CEP School, Sevenoaks

KS 2 Fractions Policy



KS 2 Fractions Policy

Year 6 Fractions	
use common factors to simplify fractions; use common multiples to express fractions in the denomination $\frac{\div 2}{54} = \frac{\div 3}{27} = \frac{3}{9}$ same $\div 2 = \frac{3}{54} = \frac{2}{27} = \frac{3}{9}$	compare and order fractions, including fractions > 1 Put these fractions in order from smallest to largest A) $\frac{1}{4}$ B) $\frac{27}{36}$ C) $\frac{5}{9}$ D) $\frac{5}{6}$
add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions $\frac{2}{15} + \frac{3}{5} = ?$ $\frac{2}{15} + \frac{3 \times 3}{5 \times 3}$ $\frac{2}{15} + \frac{9}{15} = \frac{2+9}{15} = \frac{11}{15}$	multiply simple pairs of proper fractions, writing the answer in its simplest form (e.g.1/3 x $\frac{1}{2} = 1/6$)
divide proper fractions by whole numbers (e.g. $l_3 \div 2 = l_6$) Dividing Fractions By Whole Numbers $l_1 \to l_6$	recall and use equivalences between simple fractions, decimals and percentages, including in different contexts. $\frac{1}{8} = .125 =$ 12.5% $\frac{1}{3} = .33334 =$ 33.334% $\frac{2}{3} = .66667 =$ $\frac{5}{8} = .625 =$ 66.667% $\frac{5}{8} = .625 =$ 62.5%
solve problems which require answers to be rounded to specified degrees of accuracy	associate a fraction with division and calculate decimal fraction equivalents (e.g. $\frac{3}{8} = 3 \div 8 = 0.375$)