Mereside
Church of England Primary Academy
Learn to Love, Love to Learn

Year: Year 6

Subject: Maths

Title: Fractions, Decimals and Percentages

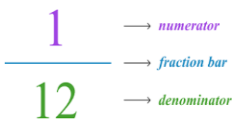
What key knowledge do I need to have before this unit?

- I understand what a fraction is.
- I can recognise a fraction.
- I can understand what is meant by equivalent
- I know that place value continues into the decimals as tenths and hundredths
- I know that 100% is equivalent to one and any smaller percent is a part of one

Key outcomes:

What I need to know by the end of this unit of work:

I can find decimal and fractions equivalents.
I can understand percentages.
I can change fractions into percentages.
I can find equivalent fractions, decimals and percentages.
I can order fractions, decimals and percentages.
I can calculate percentage of an amount (one-step and multi-step).
I can reason with percentages.

National Curriculum Links:	Key Vocabulary:	Definition:
Use common factors to simplify fractions; use common multiples to express fractions in the same denomination Associate a fraction with division and calculate decimal fraction equivalents for a simple fraction Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts Compare and order fractions, including fractions >1 Solve problems involving the calculation of percentages and the use of percentages for comparison	Equal	being the same in quantity, size, degree, or value
	Parts	an amount or section which, when combined with others, makes up the whole of something
	Denominator	the number below the line in a vulgar fraction; a divisor 
	Numerator	the number above the line in a vulgar fraction showing how many of the parts indicated by the denominator are taken, for example, 2 in 2/3
	Percentage	per cent relates to “number of parts per 100”
	Decimal	a fraction whose denominator is a power of ten and whose numerator is expressed by figures placed to the right of a decimal point.