# Maths Masterclass 

Second Level - Fractions, Decimals and Percentages

## Number Talks



I'm thinking.


I have an answer and a strategy!


I agree.



## Partitioning

## Counting on and back

## $1+9$

## Compliments to 10, 100

$20+80$

## Doubling and Halving



## Bridging

## Fractions, Decimals and Percentages - Second Level -Key Learning

- Fractions - order, compare, simplify and find fractions of numbers.
- Decimals - order, sequence, add, subtract.
- Percentages - find percentages of numbers.
- Link Fractions with decimals and with percentages.


## Fractions:



Empty number lines to order, find fractions of a number. Links to tables.

## Decimals:



Number Model:

Empty number lines to order, 4 operations with decimals. Links to tables.

## Percentages:

## Bar Modeling



Number Model:


Empty number lines to order, find percentage of a number. Links to tables.

## Linking the facts:

fractions to decimals and vice versa
now students have an understanding of the decimal number line, they can put it onto a bar model to convert between fractions and decimals. draw the bar model fraction first then put on the decimal number line identifying the increments by duiding l by the denominator of the fraction




## One-fifth



## Useful websites



Homework Support Session

