

What I Need to Know

Maths Y5 Autumn Term: Decimals and Percentages

We nurture the curiosity to learn, the courage to lead and the compassion to care.

You will:

- Read, write, order and compare numbers with up to 3 decimal places
- Read and write decimal numbers as fractions
- Identify, name and write equivalent fractions of a given fraction, represented visually, tenths and hundredths
- Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25
- Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents
- Solve problems involving numbers up to 3 decimal places
- Round decimals with 2 decimal places to the nearest whole number and to 1 decimal place
- Recognise the per cent symbol (%) and understand that per cent relates to “number of parts per 100”, and write percentages as a fraction with denominator 100, and as a decimal fraction

Small Steps	Met
Decimals up to 2 decimal places	
Equivalent fractions and decimals (tenths)	
Equivalent fractions and decimals (hundredths)	
Equivalent fractions and decimals	
Thousandths as fractions	
Thousandths as decimals	
Thousandths on a place value chart	
Order and compare decimals (same number of decimal places)	
Order and compare any decimals with up to 3 decimal places	
Round to the nearest whole number	
Round to 1 decimal place	
Understand percentages	
Percentages as fractions	
Percentages as decimals	
Equivalent fractions, decimals and percentages	

Vocabulary I need to know...
Year 4 + percent, integers, fifths, thousandths, complements, factors, rounding, equivalent

Resources I might find helpful
Place value chart, multi-link, times tables grid, bead string, Dienes maths set (base 10), abacus, bar modelling, fraction wall, rulers

Opportunities to support English and maths
<ul style="list-style-type: none"> • Skim and scan texts to retrieve information quickly and accurately • Understand what the question requires you to do and summarise ideas

End of Unit Reflection
<p>I am more confident because:</p> <p>I still need support with:</p>