

## What I Need to Know

### Maths Y6 Spring: Fractions, Decimals and Percentages

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

You will:

- 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

Small Steps	Met
Decimal and fraction equivalents	
Fractions as division	
Understand percentages	
Fractions to percentages	
Equivalent fractions, decimals and percentages	
Order fractions, decimals and percentages	
Percentage of an amount – one step	
Percentage of an amount – multi-step	
Percentages – missing values	

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

Vocabulary I need to know...
Fraction, decimal, decimal point, numerator, denominator, mixed fraction, simplify, compare, order, equivalent, convert, proper fraction, improper fraction, common fraction, tenths, hundredths, thousandths

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

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