



I Can Statement - Year 7 Maths

Topic Overview - Fractions, Decimals and Percentages	Pre-taught Vocabulary	
In this unit, we are bringing together our knowledge of fractions, decimals, and percentages (FDP) to uncover the deep connections between them. We will learn how to represent these numbers using diagrams, hundred squares, and number lines, making it easy to switch fluently between different forms. By understanding a fraction as a form of division, we will identify equivalent fractions and master conversions for common real-life values like quarters, tenths, and fifths. We will also discover how percentages are used to interpret and compare data using pie charts. For those on the higher strand, we will push our skills further by exploring more advanced conversions involving eighths, thousandths, and numbers that are greater than one whole.	Equivalence	Percentage
	Equivalent Fractions	Improper Fraction
	Pie Chart	Numerator
	Denominator	

RAG Rating:		Start	End	Teacher
1.	I can use hundred squares, custom diagrams, and number lines to represent any basic fraction, tenth, or hundredth visually.			
2.	I can smoothly interchange between fractional and decimal scales on a standard number line.			
3.	I can explain how a fraction works as a division problem (where the top number is divided by the bottom number).			
4.	I can find, identify, and use simple equivalent fractions by scaling the numerator and denominator up or down.			
5.	I can convert fluently between fractions and decimals when working with tenths, hundredths, quarters, and fifths.			
6.	I can explain the definition of a percentage as 'parts per hundred' and use a hundred square to show what it means.			
7.	I can convert fluently between simple fractions, decimals, and percentages to compare different quantities.			
8.	I can confidently read, interpret, and extract percentage or fractional information from a pie chart.			
9.	Higher: I can convert more complex fractions—such as eighths and thousandths—into their equivalent decimal forms.			
10.	Higher: I can explore, compare, and convert fractions, decimals, and percentages that represent values greater than one whole (above 100%).			

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