

Year 7 Learning Map

Percentages			
<p>Prior Learning You should already have the understanding that percentage means out of 100. That 100% is all of something, 50% is half, and 25% is one quarter. You will have covered dividing by 2, 4 and 10 in Key Stage 2 to help with finding 50%, 25% and 10% of a number. You should be able to recall your times tables, covered in Key Stage 2.</p>		<p>Current Learning In this topic you will be introduced to writing one number as a percentage of another, converting between fractions, decimals and percentages, finding the percentage of an amount and increasing/decreasing an amount by a simple percentage. Furthermore, in this topic you will learn to find the best value in a problem, and basic proportion.</p>	
		<p>Subsequent Learning This topic will prepare you for all further learning. Successful mathematicians are able to find percentages and use them in real life situations. Converting between fractions, decimals and percentages will support in solving mathematical problems in the future.</p>	
Lesson Sequencing	Tier 3 Vocabulary	Wider Reading Opportunities	Ways in which parents/carers can support
<p>Lessons will address the following learning objectives in the order most effective for the class' needs:</p> <ul style="list-style-type: none"> To write an amount as a percentage To convert percentages into decimals and fractions To convert between fractions, decimals and percentages To find the percentage of an amount with and without a calculator To increase/ decrease an amount by a percentage To compare proportions To use proportions within recipes 	<p>Percentages Fractions Decimals Convert Compare Proportion Equivalent Multiples Increase Decrease Discount</p>	<ul style="list-style-type: none"> 100 Days of decimals, percents and fractions: Math Drills <p><u>Recommended revision guides:</u> Students in Set 1- Higher level Students in Set 2 and 3 - Foundation level Students in Set 4 - Catch up</p>	<p>Support your child's progress through:</p> <ul style="list-style-type: none"> Maths Watch - to complete homework and access further revision. Corbett Maths - for extra support videos and work on the topics stated. Accessing their Microsoft Teams for directed exercises on current topics.