

Year 7 Learning Map

Fractions, Decimals and Percentages			
Prior Learning This topic builds on your prior knowledge from Key Stage 2, deepening your understanding of fractions, decimals and percentages through reasoning and extending to higher order problems.		Current Learning In this topic you will learn how to interchange between fractions, decimals and percentages and how to apply four operations to fractions, decimals and percentages.	
		Subsequent Learning This topic will prepare you for using decimals and fractions in all further units such as ratio, shape and algebra.	
Lesson Sequencing	Tier 3 Vocabulary	Wider Reading Opportunities	Ways in which parents/carers can support
Lessons will address the following learning objectives in the order most effective for the class' needs: <ul style="list-style-type: none"> • Converting fractions, decimals and percentages • Converting between improper fractions and mixed numbers • Adding and subtracting fractions • Multiplying and dividing fractions • Adding and subtracting decimals • Multiplying and dividing with decimals 	Improper fraction Mixed number Simplify Product Equivalent	<ul style="list-style-type: none"> • Fractions in Disguise: A Maths Adventure by Edward Einhorn • The Number Devil by Hans Magnus Enzensberger • Murderous Maths by Kjartan Poskitt • The Adventures of Penrose the Mathematical Cat by Theoni Pappas <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>	Support your child's progress through: <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.