

Maths - Year 7 - Term 3 - Fractions, Decimals and Percentages

Year group	Subject: Fractions, Decimals and Percentages
Prior learning- linked to National curriculum	Much of this topic would have been covered in Primary school so this will build on existing knowledge and ensure that methods are effective and students can calculate fluently. Students would have seen conversion between fractions decimals and percentages, and simple calculations with fractions.
Rationale	This Unit is placed early on in year 7 to ensure that students have a secure understanding of FDP conversion and fraction calculations. This unit builds on place value understanding established in Term 2 and will provide a toolkit for all number work throughout KS3 as well as providing foundational understanding when dealing with ratio and proportion.
Vocabulary:	Keywords Fractions, Numerator, Denominator, Vinculum, Percentage, Equal Parts, Equivalent, Improper fraction, mixed number,
Cultural Capital:	There are many examples of real life situations that can be used in this sequence of lessons. When teaching percentages for instance discussions around discounts in shops, bills and deals can all be used to extend students knowledge. Throughout the topic data examples can be used to help students see the link across topics such as the use of pie charts when looking at fractions
Key assessments- name the assessments	Mini Assessment for: <ul style="list-style-type: none"> ● Converting between FDP ● Adding and subtracting fractions ● Fractions and percentages of amounts In addition for this a Unit wrapper for this Term.
What do children know/ can do now (EDSM)	Most students will be familiar with the main workings of this unit including such as equivalent fractions, but for students to have mastered this topic, they will need to be fluent across the three mini assessment topics. Any gaps will be addressed as we go on and Further highlighted in the unit wrapper.