Maths Year 9 Percentages and Money

Year group 9	Subject: Percentages and Money
Prior learning- linked to National curriculum	Students will have covered percentages in Years 7 and 8. In year 7 students will work out the basic percentages of amounts and learn how to calculate percentage increases and decreases. Students will learn in Year how to generate percentage multipliers for percentage changes. There will also have been prior learning in some basic financial topics.
Rationale	This unit sets up the key skills for adult life and gives students the tools to deal with Tax, VAT and discounts and other mathematical occurrences. Since students would have built up the key skills We have decided to teach money and percentages at KS3 as it provides students with practical life skills, enhances mathematical understanding, and prepares them for future financial responsibilities. It empowers students to become financially responsible individuals who can make informed decisions and contribute to society.
Vocabulary:	**Keywords** Percentage, equivalence, multiplier, change, original, profit, loss, simple, compound, interest, depreciate.
Cultural Capital:	This section forms a fundamental skill which most students will need to know for their adult life. There is an obvious link as to why students need to know the relevant skills, and more importantly this should be used as a tool to encourage high levels of participation. There will also be a wealth of real life examples and case studies which can be used to develop understanding.
Key assessments- name the assessments	Mini Assessment for: ● Percentages of amounts / reverse percentages. ● Calculating compound and simple interest. ● Compound measures (Speed/Density) In addition for this a Unit wrapper for this Term.
What do children know/ can do now (EDSM)	Students will have previously covered the algebraic topic of substitution as well as work on sequences which can be combined in plotting more complex graphs and solving multi step equations, and 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.