YEAR 8

HALF TERM 4

What? When? Why?	Lesson 1 Learning intentions (what can a student do at the end of the lesson)	Lesson 2 Learning intentions (what can a student do at the end of the lesson)	Lesson 3 Learning intentions (what can a student do at the end of the lesson)	Lesson 4 Learning intentions (what can a student do at the end of the lesson)
Week 1	Convert fluently between key fractions decimals and percentages	Calculate key fractions, decimals and percentages of an amount without a calculator	Calculate fractions, decimals and percentages of an amount using calculator methods	Convert between decimals and percentages greater than 100%
Week 2	Percentage decrease with a multiplier	Calculate percentage increase and decrease using a multiplier	Express one number as a fraction or a percentage of another without a calculator	Express one number as a fraction or a percentage of another using calculator methods
Week 3	Work with percentage change	Choose appropriate methods to solve percentage problems	Find the original amount given the percentage less than 100% (H)	Find the original amount given the percentage greater than 100% (H)
Week 4	Investigate positive powers of 10 Work with numbers greater than 1 in standard form	Investigate negative powers of 10 Work with numbers between 0 and 1 in standard form	Compare and order numbers in standard form	Mentally calculate with numbers in standard form
Week 5	Add and subtract numbers in standard form Multiply and divide numbers in standard form	Use a calculator to work with numbers in standard form	Understand and use negative indices (H)	Understand and use fractional indices (H)
Week 6	Round numbers to powers of 10 and 1 significant figure Round numbers to a given number of decimal places	Understand and use error interval notation (H) Calculate using the order of operations	Calculate with money Convert metric measures of lengths Convert metric units of weight and capacity	Convert metric units of area (H) Convert metric units of volume (H)