

YEAR 9

HALF TERM 3

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 Numbers	Integers, real and rational numbers Understand and use surds (H)	Work with directed number (R) Solve problems with integers	Solve problems with decimals	HCF and LCM (R)
Week 2 Numbers	Adding and subtracting fractions (R)	Multiplying and dividing fractions (R)	Solve problems with fractions	Numbers in standard form (R)
Week 3 Using Percentages	Use the equivalence of fractions, decimals and percentages (R)	Calculate percentage increase and decrease including the use of multipliers (R)	Express a change as a percentage (R)	Solve reverse percentage problems
Week 4 Using Percentages	Recognise and solve percentage problems (non-calculator)	Recognise and solve percentage problems (calculator)	Solve problems with repeated percentage change (H)	Solve problems with bills and bank statements
Week 5 Maths and Money	Calculate simple interest	Calculate compound interest	Solve problems with Value Added Tax	Calculate wages and taxes
Week 6 Maths and Money	Solve problems with exchange rates	Solve unit pricing problems	Exam questions on Number	HALF TERM