



Year 9 Maths Learning Journey

Spring Term 3

Reasoning with number: Maths and Money

Core knowledge	Reference number
Solve problems with bills and bank statements “What’s the difference between credit and debit?”	WORKSHEET
Calculate simple interest “How do you find a multiplier to calculate percentages?”	WORKSHEET
Calculate compound interest “What is the difference between simple and compound interest?”	WORKSHEET
Solve problems with Value Added Tax (VAT) “What is VAT? How is VAT calculated?”	WORKSHEET
Calculate wages and taxes “How much of a £20,000 salary taxed?”	WORKSHEET
Solve problems with exchange rates “How is the conversion between pounds and euros different from euros to pounds?”	WORKSHEET
Solve unit pricing problems “What is meant by unitary?”	WORKSHEET

Learning Checkpoints

LC Title	Completed	Dirt
Maths and money		

Key Vocabulary

Total – the sum found by adding

Debit – money taken out of a bank account

Credit - money added into a bank account

Balance – the difference between the sum of debit and credit

Expense – money spent on items or services

Bill – a written statement of money owed for goods and services

Percentage - a fraction expressed as the number of parts per 100 and recorded using %

Interest - in savings, banks pay (or charge) interest on the amount invested (or borrowed)

Annual – once a year

Deposit – money held at a bank

Principal amount – the amount that is initially borrowed from the bank or invested

Rate – a measure of how quickly one quantity changes in comparison to another quantity

Simple interest – what is added to the savings (loan) at the end of the specified period

Compound interest – the interest added over and over again

Multiplier - the number you are multiplying by

Per annum – for each year

Tax – money that the government collects based on income, sales and other activities

Value added Tax (VAT) - a purchase tax added onto items that are bought

Income – money earned from working, investments or doing business

Overtime – any hours worked that exceed normally scheduled working hours

Salary/Wage - the amount of money a person earns

Exemption – reduces the amount of income that is subject to tax

Currency – money in the form of paper or coins issued by a government

Convert – changing from one quantity or measurement to another

Exchange – change a number or expression for another of equal value

Value – a number, or the result of a calculation

Proportion – a part to whole comparison

Unit/Unitary - finding the value of a single unit