



THREAD: Money and Financial Literacy

AOLE: Mathematics and Numeracy

Progression Step 1		
Knowledge and Skills	Vocabulary	Experiences and Characteristics
<p>To be able to sort coins and not coins.</p> <p>To sort coins by colour, size, shape.</p> <p>Count, recognise and write numbers to 10p and beyond</p> <p>Match a coin to a concrete representation to 10p and beyond</p> <p>Know the value of coins up to £1</p> <p>Use coins in role play - shop, café, transport</p> <p>Combining two amounts to 10</p> <p>Subtraction – know how much is left.</p> <p>Counting in 2s 10s</p> <p>Recognise that money can be in the form of a bank card</p>	<p>More</p> <p>Less</p> <p>cheap</p> <p>Expensive</p> <p>Coin</p> <p>Money</p> <p>Price</p> <p>Pence</p> <p>Pounds</p> <p>p, £</p> <p>Bank</p> <p>Card</p> <p>Till</p> <p>Cost</p> <p>Left over</p> <p>cash</p>	<p>Essential:</p> <p>Role Play Shop</p> <p>Handling money</p> <p>Enrichment:</p> <p>Visit to a shop</p>
<p>Opportunities to develop proficiencies</p> <p>Conceptual understanding – knowing that money is required to buy things. Experience shopping,</p>		

Strategic competence – select coins from a selection of objects, use of strategies eg counting or matching to complete the task. Use coins in different contexts – focus, continuous provision.

Communicating with symbols – mark making in role play eg café, shopping list, recording

Fluency – counting, number recognition, counting-on to add, count backwards,

Logical reasoning – Use the language of shopping in role play and explain choices.



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Progression Step 2		
Knowledge and Skills	Vocabulary	Experiences and Characteristics
Understand place value with regards to money	Pence	Essential: Enterprise projects Role Play Shop Handling money Enrichment: Visitors from local banks/ buildings societies To visit a shop
Count in 2s, 5s, 10s, 50s, 100s, 20s	Pounds	
Recognising coins and notes	Total	
Combine coins and notes to make amounts.	Difference	
Read amounts to £10.00	Altogether	
Exchange amounts to £10 from pence to pounds and vice versa	Change	
Order amounts to £10.00	Save	
	Spend	
	Amount	
	Value, 'good value', cheapest, most expensive	
	Left over,	
	Difference	
	'Lots of'	
	Pocket money	
	Share, divide, equal,	

<p>Add amounts of £ and p to at least £2</p> <p>Count to at least 1000</p> <p>Calculate change from £2</p> <p>Write amounts using correct notation - £, p, .</p> <p>Use rounding to add – 99p + 99p</p> <p>One- step problem solving - choose the correct operation from 4 operations</p> <p>Use a calculator</p> <p>Using coins total shopping bills</p> <p>Recognise that money can be in the form of a bank card/Apple pay</p>		
<p>Opportunities to develop proficiencies</p> <p>Fluency – number bonds to 100, doubling and halving, place value, counting on and back, finding difference, checking strategies,</p> <p>Logical reasoning – everyday mathematical language to explain my choices. Verify – ‘prove-it’</p> <p>Conceptual understanding – make connections between money and play and real life. Represent money and calculations in different ways – money, concrete, informal recording and formal recording. Explain approach and whether answers are sensible.</p> <p>Strategic competence – choose coins, and concrete resources to help – number line, 100 square, coins, numicon, mental strategy – counting on vs counting back to find the difference. Work through problems – eg RUCSAC or CUBES. Choose appropriate mental, written or calculator method</p> <p>Communicating with symbols – use correct notation of £, p, ., use informal methods to record – drawings, symbols, number sentences.</p>		



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Progression Step 3		
Knowledge and Skills	Vocabulary	Experiences and Characteristics
<p>Understand income – receiving money from a range of sources – pocket money, enterprise, earnings, investment.</p> <p>Difference between income and expenditure.</p> <p>Understand the importance of budgeting and saving.</p> <p>Understand the advantages and disadvantages of using bank accounts.</p> <p>Making decisions between essential and non-essential expenditure.</p> <p>Being able to calculate the best buy.</p> <p>Calculate in the context of profit, loss and sales.</p> <p>Use a calculator</p>	<p>Income</p> <p>Expenditure</p> <p>Profit</p> <p>Loss</p> <p>Budget</p> <p>Savings</p> <p>Accounts</p> <p>Discount</p> <p>Increase</p> <p>Decrease</p> <p>Best buy</p> <p>Value</p> <p>Percentages</p> <p>Loans</p> <p>Debit</p> <p>Credit</p> <p>Apple Pay</p> <p>Contactless</p> <p>Receipt</p> <p>Refunds</p> <p>Returns</p>	<p>Essential:</p> <p>Enterprise projects</p> <p>Enrichment:</p> <p>Visitors from local banks/ buildings societies</p> <p>To visit a shop</p> <p>Online Shopping</p>
Opportunities to develop proficiencies		

Conceptual understanding – representing quantities of money as coins and notes, as a number in pence and pounds, application of 4 operations, decimals, percentages into the context of money, explain and express their reasons ‘prove it’, Understand what profit and loss in a practical setting. Understanding the concept of best buy.

Communication using symbols - £, \$, decimal point used appropriately

Fluency – add decimals, subtract decimals, halve and double decimals, choose and apply checking strategy, use a calculator to effectively and efficiently carry out calculations

Logical Reasoning – justifying and reasoning answers, methods, procedures and predictions, using appropriate mathematical language

Strategic Competence – select, trial and evaluate different approaches, break problems down into logical steps, find relevant information to complete tasks and problems.



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Progression Step 4		
Knowledge and Skills	Vocabulary	Experiences and Characteristics
Find simple interest and compound interest with and without a calculator Understand appreciation and depreciation and be able to calculate over a period of time using multipliers and powers	Annual Rates Appreciation Depreciation Devalue Budget VAT	Essential: Use live data of current interest rates, exchange rates and tax bands. Enrichment: Research data themselves.

<p>Budgeting and making informed decisions</p> <p>VAT calculations, and calculations of household bills using 4 rules of number and percentages</p> <p>Understanding and calculation income taxation rates and bands and personal allowance</p> <p>Understanding of different countries and finance. Exchanging money and making informed decisions about availability of currency.</p> <p>Advantages and disadvantages of bank accounts, bank cards and credit-credit cards</p> <p>Describe why insurance is important and the impact of being under insured</p>	<p>Tax</p> <p>Per annum</p> <p>Quarterly / Per quarter</p> <p>Standing charge</p> <p>Personal Allowance</p> <p>Gross</p> <p>Net</p> <p>Income</p> <p>Salary</p> <p>Wage</p> <p>Currency</p> <p>Exchange rate</p> <p>Debit</p> <p>Credit</p> <p>Account</p> <p>Insurance</p> <p>Risk</p>	
<p style="text-align: center;">Opportunities to develop proficiencies</p> <p>Conceptual Understanding- I can interpret answers within the context of the problem and consider whether answers are sensible. I can understand that currency has to be bought and that the rate varies. I can understand that interest accumulates over time and the impact of this on an investment or debt.</p> <p>Fluency- I can break complex problems down into systematic steps and work through them methodically. I can confidently make checks and apply inverse calculations.</p> <p>Logical reasoning – I can choose appropriate calculations and interpret answers and justify decisions.</p> <p>Strategic Competence- I can choose an appropriate strategy and interpret the context of the question. I can apply effective number calculations correctly. I can make links between contexts.</p> <p>Communicating with symbols- I can use efficient calculations and appropriate notation.</p>		