

Preparation

Lesson 2: copy 'Currency exchange', one per child; arrange internet access or assemble a selection of newspapers giving exchange rates

Lesson 3: copy 'DIY at Number 32', one per child

Lesson 5: copy 'Shopping list', one per child; arrange internet access, if wanted

You will need**Photocopiable sheets**

'Currency exchange'; 'DIY at Number 32'; 'Shopping list'

Equipment

Internet access or newspapers giving exchange rates; internet shopping website

Further practice

Provide leaflets from supermarkets or direct children to a supermarket website to compile lists of items with prices and total spend. Ask them to include multiple items to check their multiplication as well as their addition and subtraction skills.

Oral and mental starters suggested for week 2

See bank of starters on pages 249 to 250. Oral and mental starters are also on the CD-ROM.

65 Area calculator

69 Speedy times

71 What's the question?

Overview of progression

In this set of lessons there is a strong element of using and applying skills learned previously. The first two lessons draw on multiplication and division knowledge with rounding and estimating to support written calculation skills.

Through the next three lessons the children use all four operations in problem-solving situations involving measures and money. There is a strong element of decision making in the final lesson, and children may need to use their powers of persuasion to get their first choices.

Watch out for

Some children may get stuck with only one method for calculating and may be unable to progress when that method fails them, particularly when solving problems. For instance, the child who always writes a written calculation for subtraction, but comes unstuck when faced with a small amount to subtract from 30m or 3000cm when counting on or back would have been more efficient.

Creative context

Encourage the children to always create a story around the numbers that they are using for calculations, since a real-life context enables them to understand the actual value and sense of the numbers. If at all possible, have the party planned in lesson 5.

Vocabulary

add, answer, calculate, calculation, calculator, difference, divide, divisible by, divisor, equation, explain, **factor**, **inverse**, method, minus, multiple, multiply, operation, pattern, plus, predict, problem, product, **quotient**, reason, reasoning, relationship, remainder, solution, subtract, sum, symbol, total