Guidelines for the use of 'Rugby equipment

Activity title:	Rugby equipment
Curriculum area:	Maths
NC objectives:	Ma2 1b), 1c), 1d), 1e), 3a), 3i), 4a) & 4b)
Main learning objective	Solve one-step and two-step problems involving numbers, money or measures; choose and carry out appropriate calculations, using calculator methods where appropriate

Timing	Lesson plan ideas, activities and resource sheets
INTRODUCTION 10 minutes	• Tell the class that the lesson will be focusing on money and the cost of rugby equipment. • Begin by giving the pupils mental maths questions related to money for all four number operations. Use '2.3a Mental maths questions (Money)' if required and '2.3b Answers to mental maths questions (Money)' • Discuss the method of rounding to the nearest 10 then compensating (e.g., £26.99 + £4.99 would be completed by working out £27.00 + £5.00 = £32.00 – £0.02 = £31.98). Practise with simple examples.

Continued

Guidelines for the use of 'Rugby equipment

MAIN ACTIVITY 40 minutes	• Show the class the price list for the rugby equipment (extract from 2.3c Rugby equipment word problems) and explain that they will be using these prices to answer real life word problems. • Discuss what methods of working will be required, depending on the number operations involved. • Provide the class with '2.3c Rugby equipment word problems'. Pupils work individually to answer the questions.
PLENARY 10 minutes	• Go through the answers and methods of working out each of the questions. Use '2.3d Answers to rugby equipment word problems' if required. • Set the class the challenge to find out if they would prefer to be given 5p in January and have the amount doubled each month, being able to spend it 12 months later, or whether they would prefer to be given £60 in January and able to spend it straight away. Which earns the most money? (Doubled each month = £102.40)

Suggested extension activities or cross curricular links:

• Pupils can create their own word problems using the same price list
• Further word problems using different prices for differentiation
• Respect for own and others property
• Discuss the risks of sharing expensive equipment with team mates