



Guidelines for the use of 'Working out average team scores'

Activity title:	Working out average team scores
Curriculum area:	Maths
NC objectives:	Ma2 1a), 1b), 1c), 1d), 1e), 3a), 3i), 4a) & 4b)
Main learning objective:	To be able to find the average score from a set of rugby team scores and understand the meaning of 'average'

Timing	Lesson plan ideas, activities and resource sheets
INTRODUCTION 15 minutes	<ul style="list-style-type: none"> Practise adding three numbers mentally, eg, $9 + 7 + 3$, and discuss methods used. Move on to two digit numbers if appropriate. Recap on what division means in terms of sharing. Carry out a few simple division questions, emphasising how the numbers are shared equally. Explain that the main task of the session is to find average numbers in relation to rugby scores for players.

Continued



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<p>MAIN ACTIVITY</p> <p>30 minutes</p>	<ul style="list-style-type: none"> • Issue the '2.9a Average match scores' worksheet and work through this with the whole class, ensuring that all pupils understand how to find the average. • Issue the '2.9b Finding the average scores against GRFC during 2008 - 2009' worksheet and ask the children to answer the questions on the back of the sheet by dividing the 'Points scored' by the number of 'Matches played' by GRFC for each month of the season. The children will probably need calculators for this part, so a quick demonstration of using the calculator correctly may be required.
<p>PLENARY</p> <p>15 minutes</p>	<ul style="list-style-type: none"> • Go through the answers for the '2.9b Finding the average scores against GRFC during 2008 - 2009' worksheet and ask pupils to check their own work, ensuring that they have worked out the correct average score. Use '2.9c Answers to finding the average scores against GRFC during 2008 - 2009' if required. • Ask 5 children to think of a number less than 10 and write this on the board. Ask pupils to work out the average number per child and see who is the quickest. Ask the winner to explain how they got their answer.

Suggested extension activities or cross curricular links:

- If the school team have played a tournament or series of matches, work out their average score for the season so far.
- Look at other rugby teams or other seasons in the history of GRFC and work out average scores and compare.
- Compare to the points that opponents scored during the same season and compare averages