



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 averages of a set of rugby team scores and understand the meaning

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 onto two digit numbers if appropriate. Recap on what division means in terms of sharing, and carry out a few simple division activities. Emphasise how the numbers are shared equally. Explain the main task of the session: 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 '2.4a Average match scores' worksheet and work through this as a class to ensure that all pupils understand how to find the average. • Issue '2.4b Finding the average team score for GRFC during 2008 - 2009' worksheet. Pupils should 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. They will probably need calculators for this activity, 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 '2.4b Finding the average team score for GRFC during 2008 - 2009' worksheet and ask the children to check their own work to ensure they have worked out the correct average score. Use '2.4c Answers to finding the average team score for GRFC during 2008 - 2009' if required. • Choose 5 children to think of number less than 10 and write them on the board. The class then try to work out the average number per child and see who is the quickest. Explain how they worked out the average.

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. Work out average scores and compare.
- Compare these to the average scores of opponents during the same season.