



Rugby Puzzles

Activity title:	<i>Solving rugby sudokus</i>
Curriculum area:	Mathematics
NC objectives:	1.1 1.2 1.3 2.2 2.3 2.4 3.1
Main learning objective	Identify and obtain necessary information to carry through a task and solve mathematical problems

Timing	Lesson plan ideas, activities and resource sheets
INTRODUCTION 15 minutes	<ul style="list-style-type: none"> Look at simple sudokus and other puzzles and identify strategies used to solve them. Try out some number sudokus on a six by six grid by giving out activity sheet 3.3d.
MAIN ACTIVITY 35 minutes	<ul style="list-style-type: none"> Solve sudokus involving rugby symbols and pictures. Students can work through sheet 3.3a 3.3b and 3.3c. The children must identify the missing symbols and complete the grid. <i>Can they explain why they are putting the symbols in certain places?</i>
PLENARY 10 minutes	<ul style="list-style-type: none"> Explain to the class how they have solved the puzzles. Are the picture sudokus easier than the number ones? Look at different types of puzzles such as 'Hitoshii

Suggested extension activities or cross curricular links;

Try 9 x 9 sudokus.

Look at other forms of number puzzles such as magic squares.

Try different sorts of number patterns.

Cross curricular links

Look at crosswords and general knowledge quizzes.