



Guidelines for the use of 'Measuring and making your own rugby pitch'

Activity title:	Measuring your own rugby pitch
Curriculum area:	Maths
NC objectives:	Ma2 1b), 1c), 1d), 1e), 1f), 1i) 3a), 3b), 3f), 3h), 3i), 3j), 4a) & 4b) Ma3 1a), 4a)
Main learning objective	Understand the units of measurements and basic conversions between measurements, and measure in a real life way

Timing	Lesson plan ideas, activities and resource sheets
INTRODUCTION 15 minutes	<ul style="list-style-type: none"> Tell pupils that the lesson will be focusing on measurements. Ask the class what the three types of measurement are (length, mass and capacity), and to describe what each one measures (length - distance from one point to another; mass - how heavy something is; capacity - how much liquid something can hold). Open the PPT '2.2a Introduction to measurement' and work through it. ...continued



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INTRODUCTION	<ul style="list-style-type: none"> Explain the main task to be carried out by the pupils.
MAIN ACTIVITY 35 minutes	<ul style="list-style-type: none"> Issue information sheet '2.2b Making your own rugby pitch'. Discuss the measurements and how they will use cones to mark out a pitch outside. Split the class into groups and move outside. Provide each group with a trundle wheel and set them off to measure out different lines of the rugby pitch, starting with the dead ball lines and the side lines. Lay down cones at regular intervals to mark out the rugby pitch. Once all of the lines have been completed, allow each group to move around and check all of the measurements to ensure that the rugby pitch has been measured correctly.
PLENARY 10 minutes	<ul style="list-style-type: none"> Take a photo of the marked out rugby pitch and move back inside. Show the photo to the class and compare it to the rugby pitch on the information sheet provided previously.

Suggested extension activities or cross curricular links:

- Mark out the pitch with paint and use it to teach rugby during a PE lesson
- Look at ratio and make a smaller sized pitch using the measurements from the information sheet