



KS1 – Maths using Measurement: Measuring Playground Spaces with links to Sustainable Travel - Lesson 3

Objectives:	<ul style="list-style-type: none"> To compare, describe and solve practical problems for length and height To measure using standard units
Success Criteria:	<ul style="list-style-type: none"> To use measuring equipment accurately starting at 0 To use vocabulary of length, height To use vocabulary of cm and m To compare results with those of others
<p>Starter Activity: From various starting points count forward and back in 2, 5, and 10 to 100 using a metre stick.</p> <p>Teacher Input with key questions:</p> <p>Discuss what we found out yesterday when using non standard units and what the problems were.</p> <p>Hold up a ruler, measuring stick, measuring tape and ask the children what they know about them.</p> <p>Revise cm and metres and explain that there are 100 cm in a m.</p> <p>How can this equipment help us to measure the items in playground more accurately?</p> <p>How can we measure accurately? Invite some children to come out and demonstrate. Focus on having the ruler the correct way round and recording in cm.</p> <p>What happens when something is more than a metre? What can we do then? Demonstrate methods.</p> <p>Explain task – today we are going to measure items in the playground accurately and then compare results to check this accuracy.</p> <p>Midway through – check for accurate use of equipment and set off again.</p>	<p>Group 1 - LA L1A – 2C In pairs children to measure items using equipment and record on sheet.</p> <p>LSA supported</p> <p>Group 2 - MA 2C – 2B In pairs children to measure items using equipment and record on sheet.</p> <p>CT supported</p> <p>Group 3 - HA 2B – 3 In pairs children to measure items using equipment and record on sheet. Extension – to measure the width of objects.</p> <p>Independent</p> <p>Plenary Using the list of objects, what were the measurements? Record to keep for tomorrow's lesson.</p> <p>Was there greater accuracy? If not why was that? What did we find that was longer/shorter than 1m? What was taller than 1 m? What was the width of...?</p>



Measurement Chart

Name: _____

Date: _____

What I measured	Length in m / cm	Extension: Width in m / cm