



KS1 – Maths using Measurement: Measuring Playground Spaces with links to Sustainable Travel - Lesson 2

Objectives:	<ul style="list-style-type: none"> To compare, describe and solve practical problems for length and height To measure using non standard units
Success Criteria:	<ul style="list-style-type: none"> To count in non standard units To use vocabulary of length, height To compare results with those of others
<p>Starter Activity: Have different items on each table – in pairs the children order in length, shortest to longest. Move round each table.</p> <p>Teacher Input with key questions:</p> <p>Remind the chn of what they did yesterday in looking at those objects and items that they found on the play ground that were bigger/smaller than themselves. Refer to the class record gathered in the plenary.</p> <p>What were the problems - items being too large or small to measure?</p> <p>Explain that today we are going to measure in smaller units that are non standard. What might be useful and practical? Make a list of 5 or 6 objects.</p> <p>Demonstrate measuring items in the class with one of those units and recording it using length and height.</p> <p>Explain that today we are going back outside to measure with these non standard units. Discuss the things that could be measured - will it be possible to measure the length and height?</p>	<p>Group 1 - LA L1A – 2C In pairs – children to measure items on the playground and record on the sheet.</p> <p>LSA supported</p> <p>Group 2 - MA 2C – 2B In pairs – children to measure items on the playground and record on the sheet.</p> <p>Independent</p> <p>Group 3 - HA 2B – 3 In pairs – children to measure items on the playground and record on the sheet.</p> <p>CT – extend to width where appropriate</p> <p>Plenary Have a list of objects that could have been measured – add chns results. Keep for tomorrow’s lesson.</p> <p>What do we notice? What is the problem? Why might that be?</p> <p>What would happen if we designed the playground with these measurements?</p>



Measurement Chart

Name: _____ Date: _____

My non-standard unit of measurement is a _____

What I measured	How many units it was