



<p><u>Experience and Outcomes</u></p> <p>MNU 1-11a - I can estimate how long or heavy an object is, or what amount it holds, using everyday things as a guide, then measure or weigh it using appropriate instruments and units.</p> <p><u>Learning Outcome</u></p> <p>Pupils will estimate and record the length, height and width of natural materials using standard units.</p> <p>Pupils will measure the same materials accurately with a ruler/ metre stick and record their findings.</p> <p>Pupils will demonstrate how to measure accurately and read scales.</p>	<p><u>Resources</u></p> <p>Ruler/ metre sticks Natural materials: sticks, logs, stones, leaves Chalk</p>
<p><u>Activity</u></p> <ol style="list-style-type: none"> 1. Pupils work in pairs or small groups to collect natural materials which will be measured 2. Work together to estimate and then measure natural materials 3. Record findings in a table in their jotters. 4. Additional activity – children draw shapes/ lines on the ground with chalk and ask their partner to estimate the length of the line and then accurately measure the line. 5. Bring pupils back together to assess understanding of scales (mm/cm), how they measured the height/ length or width of an item and estimate and actual measurement. 	<p><u>Assessment</u></p> <p>Pupils will demonstrate understanding through recording estimates and actuals.</p> <p>Assess through teacher observation</p> <p>Assess through jotter work</p>