

Let's measure!

Maths

Year 1

Lesson 1 of 5

Learning Objective	Resources	
<p>To order things by length and height using direct comparison and non-standard units of measure.</p>	<p>Slides Worksheet 1A/1B/1C Length Challenge Cards (FSD...? activity only) Height Challenge Cards (FSD...? activity only) Uni-fix blocks (FSD...? activity only) Photo Sheet 1A</p>	
Mental Oral Starter		
<ul style="list-style-type: none"> Use the displayed measure vocabulary to describe the items on the slide. 		
Teaching Input		
<ul style="list-style-type: none"> Show the children the two arrows on the slide. Which is the longest? Which is the shortest? Show the children the three sticks on the slide. Which is the longest? Which is the shortest? Is there another way we can compare their length? Show the children the blocks next to the pictured object on the slide. How many blocks long is each stick? Go through the steps on the slide showing how to accurately measure using non-standard units of measure. Show the children the two arrows on the slide. These arrows are pointing up. Would we still use words like long and short to describe them? Which is the tallest? Which is the shortest? Show the children the three ladders on the slide. Challenge the children to describe them and measure them. Repeat this activity with the objects on the remaining slides. 		
Main Activity		
<p>Challenge the children to use base ten blocks to measure the length of each path on their sheet. Then challenge them to use the blocks to measure the height of each building. Which is the longest/shortest? Which is the tallest/shortest?</p>		
<p><u>Lower ability:</u></p> <p>Provide the children with worksheet 1A.</p>	<p><u>Middle ability:</u></p> <p>Provide the children with worksheet 1B.</p>	<p><u>Higher ability:</u></p> <p>Provide the children with worksheet 1C.</p>
Fancy something different...?		
<ul style="list-style-type: none"> Provide the children with Length Challenge Cards. The children will select between two and five cards depending on ability. They will find the pictured objects, then order them by length using direct comparison. Provide the children with uni-fix cubes or similar uniform sized blocks. Challenge them to work out how long or tall the objects they ordered by direct comparison are. Repeat this activity with the Height Challenge Cards. 		
Plenary	Assessment Questions	
<p>Show the children the two flowers and two hoses. Which words would you use to describe them?</p>	<ul style="list-style-type: none"> Can children use words like longer and shorter to compare length? Can children use words like taller and shorter to compare height? Can children accurately use blocks to measure objects? 	