



# Activity Idea

<b>Activity</b>	Measuring Sticks
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<b>Possibilities for maths learning</b>	<input checked="" type="checkbox"/> Counting	<input type="checkbox"/> Composition	<input checked="" type="checkbox"/> Cardinality
	<input type="checkbox"/> Subitise	<input checked="" type="checkbox"/> Comparison	<input checked="" type="checkbox"/> Measure
	<input type="checkbox"/> Shape	<input type="checkbox"/> Pattern	<input type="checkbox"/> Spatial awareness

<b>Resources</b>	➤ Sticks of all different lengths
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<b>Activity Outline</b>	<p>Explain to the children that today they are going to be looking at sticks and talking about shortest and tallest.</p> <p>Start by picking up two random sticks and ask children which is the shortest and which is the tallest. You can repeat this a few times to ensure children are secure in their knowledge of this.</p> <p>Choose two sticks which are the same height and ask children which is the shortest and which is the tallest. They should come to the conclusion that they are the same size but be sure to listen to all children’s answers and their reasoning behind this if they say differently. (You could lay the sticks down or use a measuring tool to help children see these are the same size)</p> <p>Explain to the children that they are going to choose 5 sticks each – let children choose and count their sticks and ask them to check how many they have altogether. Their challenge now is to line up their sticks in order from tallest to shortest. Children can work together to do this so they can learn from each other’s knowledge of height and discuss and problem solve together. Observe children’s methods of problem solving and comparison. Some may choose each stick at a time and look to see where they think it fits height wise against ones already placed down. Some children may start by identifying the tallest stick and the shortest stick then taking the others in turn to compare against them.</p>
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<b>Extension Opportunities</b>	✓ Provide more sticks and allow children problem solve with putting them into size order.
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