

Measurement: Length Comparisons

Aim: Compare, describe and solve practical problems for lengths and heights. To compare the length of objects.	Success Criteria: I can say which object is longer. I can say which object is shorter. I can describe and compare lengths.	Resources: Lesson Pack
	Key/New Words: Length, compare, short, long, shorter, longer, the same, describe, longest, shortest.	Preparation: Longer or Shorter? Activity Sheets – 1 per child Diving into Mastery Activity Cards – as required

Prior Learning: Children have been introduced to the word 'height' and have compared the heights of different objects using words such as tall, taller, tallest, short, shorter and shortest.

Learning Sequence

	Remember It: Encourage the children to describe the toys shown on the Lesson Presentation . As children share their responses, record any of this lesson's key words that they use on a whiteboard and discuss their meanings. Review the word 'height' and explore the difference between height and length.	
	Longest: Children discuss with a partner which objects shown on the Lesson Presentation are the longest. Encourage them to explain why. Children then find someone who has longer arms than them.	
	Shortest: Children discuss with a partner which objects shown on the Lesson Presentation are the shortest. Encourage them to explain why. Children then find someone who has shorter hair than them.	
	Compare Lengths: Use the Lesson Presentation to help discuss the importance of, where possible, lining objects up and straightening them out to be able to compare their length more easily and accurately. The children then go on to complete sentences comparing objects using the phrases 'longer than' and 'shorter than'. They also compare objects of the same length. Children should be encouraged to complete the stem sentences verbally as well as potentially writing the missing words on individual whiteboards. Can the children identify which is longer or shorter? Can they use accurate vocabulary to describe length?	
<div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;"> <p>Children tick the image of the longer or shorter objects and then complete the stem sentences about the length of objects.</p> </div> <div style="text-align: center;"> <p>Children draw objects to match the descriptions and complete stem sentences about the length of objects.</p> </div> <div style="text-align: center;"> <p>Children draw objects to match the descriptions and complete stem sentences about the length of objects. They also order objects according to their length.</p> </div> </div>		
<p>Diving into Mastery: Schools using a mastery approach may prefer to use the following as an alternative activity. These sheets might not necessarily be used in a linear way. Some children might begin at the 'Deeper' section and in fact, others may 'dive straight in' to the 'Deepest' section if they have already mastered the skill and are applying this to show their depth of understanding.</p> <div style="margin-top: 10px;"> <p>Children use and understand the language of length such as long, longer, longest, short, shorter and shortest. They use this to compare a selection of objects.</p> <p>Children reason whether the description of an object's length is accurate and give advice for how to check which items are longer or shorter.</p> <p>Children solve a problem to determine which toy belongs to the child. They then use their understanding of length to find objects which are longer and shorter than different body parts.</p> </div>		
	More Than One: Children are challenged to compare the length of multiple objects in a line.	

Exploreit

Findit: Children take turns to challenge each other to find an object longer or shorter than the object they have.

Makeit: Children build models of various lengths and then compare them using the vocabulary of shorter and longer.