

Let's measure!

Maths

Year 1

Lesson 2 of 5

Learning Objective		Resources
To use rulers to measure length and height.		Slides Worksheet 2A/2B/2C Rulers Challenge Cards (FSD...? activity only) Results Cards 2A/2B (FSD...? activity only) Photo Sheet 2A
Mental Oral Starter		
<ul style="list-style-type: none"> Sing the doubles song. What is double 2? What is double 10? Sing the halves song. What is half of 6? What is half of 14? 		
Teaching Input		
<ul style="list-style-type: none"> Show the children the picture of the ruler on the slide. What is it? What units do rules measure in? Go through the explanation on the slide of millimetres, centimetres, metres and kilometres. Explain that today we are going to be measuring things in centimetres. Show the children the slide picturing a pencil and a ruler. How many centimetres long is this pencil? Challenge the children to read the ruler. What do they notice about how the ruler is positioned next to the pencil? Show the children the ruler next to the chocolate bar. Is it being measured correctly? How long is it? How long would a chocolate bar that is double its length be? How long would a chocolate bar that is half its length be? Go through the explanations on the slides to help the children solve the problems. Repeat this with the pictured objects on the following slides. 		
Main Activity		
<u>Lower ability:</u> Provide the children with worksheet 2A. The children will use the rulers next to the first three objects to record the length of each object on the sheet. They will use a ruler to measure the final object.	<u>Middle ability:</u> Provide the children with worksheet 2B. The children will use the rulers next to the first three objects to record the length of each object on the sheet. They will use a ruler to measure the remaining objects.	<u>Higher ability:</u> Provide the children with worksheet 2C. The children will use the ruler next to the first object to record the length of it on their sheet. They will use a ruler to measure the remaining objects.
Fancy something different...?		
<ul style="list-style-type: none"> Provide the children with Challenge Cards, Results Cards 2A/2B (depending on ability) and rulers. The children will need to find objects that are longer/taller/shorter than the object shown on the card. They will record their results on their Results Cards. 		
Plenary	Assessment Questions	
Show the children the problem on the slide. The character wants a piece of wood that is half the length of the piece they have. How long will their piece of wood be?	<ul style="list-style-type: none"> Can children use a ruler accurately to measure things? Can children order objects by length? Can children work out when something is double or half the length of something else? 	