

Rounding and Estimating

Maths

Year 3

Lesson 4 of 5

Learning Objective		Resources
To be able to make estimates in real-life contexts.		Slides Worksheet 4A/4B/4C/4D UK Cities Map Answer Sheet A/B Calculators Estimate Cards (FSD? activity only)
Teaching Input		
<ul style="list-style-type: none"> Show the map of Europe labelled with some different cities. How far in kilometres do you think it is from London to Paris? Children to write down their estimate, then reveal the answer on the slide. How close was your estimate? A points system is given whereby children get a set number of points according to how close their estimate was. Ask children to write down their score. Repeat this with the other slides, encouraging children to build on their accuracy according to previous answers given and to use the scale to help them. 		
Main Activity		
<p><u>Lower ability:</u></p> <p>Provide children with the UK Cities Map and worksheet 4A. Children to estimate each distance listed on the worksheet. Children can then use the internet or Answer Sheet 4A to write down the actual distance and see how close their estimates were. Children to answer questions when finished using a calculator if necessary.</p>	<p><u>Middle ability:</u></p> <p>Provide children with the UK Cities Map and worksheet 4B. Children to estimate each distance listed on the worksheet. Children can then use the internet or Answer Sheet 4A to write down the actual distance and see how close their estimates were by finding the difference (using a calculator if necessary). Children to answer questions when finished.</p>	<p><u>Higher ability:</u></p> <p>Provide children with the UK Cities Map and worksheet 4C. Children to estimate each distance listed on the worksheet. Children can then use the internet or Answer Sheet 4A to write down the actual distance and see how close their estimates were by finding the difference (using a calculator if necessary). Children to answer questions when finished.</p>
Fancy something different...?		
<ul style="list-style-type: none"> Cut out the Question Cards and stick them up around the classroom before the lesson. Children walk around the classroom finding each question and answer with an estimate on worksheet 4D, stating which unit of measurement they would use for each one. Children to use the internet (or Answer Sheet B) to find out how close their estimates were. Higher ability children could work out the difference between their estimates and the actual measurements. 		
Plenary	Assessment Questions	
<p>Play 'Time Estimates' with the children. Tell them to shut their eyes and keep them shut for one minute. When they think a minute is up they have to put their hand up but keep their eyes shut. Repeat this a few times to see if the children get more accurate.</p>	<ul style="list-style-type: none"> Can children use knowledge of length, weight and capacity to make estimations? Can children use the correct units of measurement for measuring length, weight and capacity? Can children find the difference between an estimate and an actual measurement? 	