

## Sources of variation Session 2 | Making measurements activity

Equipment needed:

- String about 30 cm long
- Ruler
- Tape measure

<p>Card A - Wrist provider</p> <ul style="list-style-type: none"> <li>• You are the person who is going to be “measured”. The activity involves making measurements of your wrist.</li> <li>• Each of your group members has instructions on how to make the measurement.</li> <li>• Unless they specifically state the wrist they want to measure, alternate which wrist you offer to be measured.</li> <li>• Complete the recording sheet for each person, identifying which wrist they measured, the tool they used and where on the wrist they measured.</li> </ul>	
<p>Card B - String</p> <ul style="list-style-type: none"> <li>• One person in your group will have their wrist measured by all the other group members.</li> <li>• Each group member has their own set of instructions. Please do not share your instructions with anyone else.</li> <li>• <i>Use the string to measure the wrist circumference. Give your answer to the nearest millimetre.</i></li> </ul>	<p>Card E - Tape measure</p> <ul style="list-style-type: none"> <li>• One person in your group will have their wrist measured by all the other group members.</li> <li>• Each group member has their own set of instructions. Please do not share your instructions with anyone else.</li> <li>• <i>Use the tape measure to measure the wrist circumference. Give your answer to the nearest millimetre.</i></li> </ul>
<p>Card C - String</p> <ul style="list-style-type: none"> <li>• One person in your group will have their wrist measured by all the other group members.</li> <li>• Each group member has their own set of instructions. Please do not share your instructions with anyone else.</li> <li>• <i>Use the string to measure the wrist circumference. Give your answer to the nearest centimetre.</i></li> </ul>	<p>Card F - Tape measure</p> <ul style="list-style-type: none"> <li>• One person in your group will have their wrist measured by all the other group members.</li> <li>• Each group member has their own set of instructions. Please do not share your instructions with anyone else.</li> <li>• <i>Use the tape measure to measure the wrist circumference. Give your answer to the nearest centimetre.</i></li> </ul>
<p>Card D - String</p> <ul style="list-style-type: none"> <li>• One person in your group will have their wrist measured by all the other group members.</li> <li>• Each group member has their own set of instructions. Please do not share your instructions with anyone else.</li> <li>• <i>Use the string to measure the left arm wrist circumference. Give your answer to the nearest millimetre.</i></li> </ul>	<p>Card G - Tape measure</p> <ul style="list-style-type: none"> <li>• One person in your group will have their wrist measured by all the other group members.</li> <li>• Each group member has their own set of instructions. Please do not share your instructions with anyone else.</li> <li>• <i>Use the tape measure to measure the left arm wrist circumference. Give your answer to the nearest millimetre.</i></li> </ul>

Recording sheet for the wrist provider (Card A)

Card	Wrist measured (circle)	Tool used	Location on wrist relative to the bumpy bones (see image below)	Wrist circumference measurement with units
B	Left    Right	String	below   on   above	
C	Left    Right	String	below   on   above	
D	Left    Right	String	below   on   above	
E	Left    Right	Tape measure	below   on   above	
F	Left    Right	Tape measure	below   on   above	
G	Left    Right	Tape measure	below   on   above	

