

Name .....

Date .....

### Investigation sheet

<p><b>We want to find out:</b> <i>(Guiding Question)</i></p>	<p>Can you lift a teacher with one hand?</p>
<p><b>Hypothesis:</b> <i>(Use if...then statement)</i></p>	<p>Lifting a teacher with one hand is possible</p>
<p><b>For a fair investigation, we are keeping this the same:</b> <i>(Controlled Variables)</i></p>	<p>Teacher/weight What hand</p>
<p><b>We will only change:</b> <i>(Independent Variable)</i></p>	<p>Position, Strength ,effort ,how ,and the set up</p>
<p><b>We will need this equipment and these resources</b></p>	<p>Lever arm and fulcrum</p>
<p><b>This is what we will do</b></p>	<ol style="list-style-type: none"><li>1. Put the teacher near the fulcrum.</li><li>2. Press the other side down.</li><li>3. Then it lifts the teacher up.</li></ol>
<p><b>We will record our data using:</b></p>	<p>. Diagrams . bar charts . drawings . tables . tally sheets . writing . lists . pictograms . word processing . frequency tables . line graphs . database . pie charts. other</p>
<p><b>We found out that:</b> <i>(Analysis and Conclusion)</i> <i>Was your hypothesis right?</i></p>	<p>The person standing on the lever arm had to stand at the pivot point.</p>
<p><b>We think this is because</b></p>	<p>It did not work when the person standing on the lever arm stood at the end.</p>
<p><b>New/Remaining questions or predictions:</b></p>	<p>Why exactly does it fail when she stands at the end of the lever arm?</p>

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