

## Build A Bridge

<b>Activity</b>	<b>Overview</b>
Bridge Engineering	<p>Working in groups of 4. Groups have to build a bridge that is at least one-meter-long (sitting between two tables). We will firstly go through the example bridges on the slide, getting the students to name them one by one.</p> <p>The bridge can sit no more than 7cm on each table. The bridge needs to be able to support the weight of the tape measure and meet the specified measurements. Groups should not be given any hints but should be encouraged to be creative and think about structure and ability to support the weight when choosing designs.</p> <p><b>Equipment needed:</b></p> <ul style="list-style-type: none"><li>• Card</li><li>• String</li><li>• Lollipop sticks (any other recyclable materials you would like)</li></ul> <p><b>Timings as follows:</b></p> <ul style="list-style-type: none"><li>• 5 minutes explaining the task</li><li>• 30 minutes completing the build</li><li>• 5 minutes going around the groups, talking through the designs, testing the weight and measurements.</li></ul>