

## Example Experiment Outline

<b>Question</b>	<p>How does the shape of a block affect the motion when using a push force?</p> <p>Test a sphere, triangular prism, and cube to see which will travel further when pushed.</p>
<b>Prediction</b>	<p>I think the sphere will travel farther because it is round and usually rolls better.</p>
<b>Safety considerations</b>	<p>Be careful you don't hit anything when you roll the blocks.</p>
<b>Instructions / Steps</b>	<ul style="list-style-type: none"><li>• Choose a starting point and make sure you have lots of space to push a shape forward.</li><li>• Start with one shape and push it forward until your arm extends the entire way.</li><li>• Measure and record how far it goes.</li><li>• Do the same for the two other shapes and record how far they go.</li><li>• Conduct this with three different trials (3 times).</li></ul>

### Example Experiment Outline

Observations	Trial	Sphere	Cube	Triangular prism
	1			
	2			
	3			
	Which shape traveled the farthest? Was your prediction correct?			