

Planning Sheet for Focused Science 1 Assessment

QCA Unit: 2E Forces and Movement	Rolling cars down a ramp
<p>Scientific Enquiry Focus: Strand: obtaining and presenting evidence</p> <p>Making measurements Recording and presenting results in a table</p>	
<p>Learning Objectives</p> <ul style="list-style-type: none"> To make measurements and record these in a table 	
<p>Differentiated Activity: Context: Explore rolling cars down ramps. Ask what makes a difference to how far the car travels. Help children to plan an investigation into one factor. Lowest attainers – represent how far each car travels by cutting a strip of paper to the length and put into a ‘table against each car. Lower attainers – make a group table of results by sticking words and numbers on post –it notes in the right places Middle attainers– use ready made table with headings to record measurements Higher attainers– Use ready made table without headings.</p>	
<p>Key Questions:</p> <ul style="list-style-type: none"> How can you change the distance cars roll? What happens if you change the height of the ramp? How will you measure the distance cars roll? How will you record your measurements? Where should we put this post –it saying ‘blue car’? 	
<p>Sc1 Assessment Indicators: L1 – Can understand how the strip of paper represents the distance each car travelled. L2 (low) - can make measurements of length and compare these. Can record measurements in table with a few prompts. L2 (strong)- can made measurements using standard units and record in a table provided and present my findings in a chart. L3 - I can made measurements of length using standard units and record in a table that I have drawn.</p>	