

Gravity Racers! Test your Vehicle Data Recording Sheet



Problem	What do you want to learn?	How far will the car roll?													
Hypothesis	Predict what the answer is to your question.	If I roll the car down the ramp, then it will travel _____. (How far?)													
Materials	Items you need for the experiment	<ul style="list-style-type: none"> ▪ Ramp ▪ Car ▪ Ruler or objects for nonstandard measuring 													
Procedure	Step by step directions for the experiment	<ol style="list-style-type: none"> 1. Set up the ramp. 2. Predict how far the car will roll. 3. Place the car at the top of the ramp. 4. Let go of the car. 5. Measure how far the car traveled. 6. Repeat the experiment two more times. 													
Results	Fill out the Chart	<p style="text-align: center;">Distance Traveled in Centimeters</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;"></th> <th style="width: 15%;">Predict</th> <th style="width: 15%;">Trial 1</th> <th style="width: 15%;">Trial 2</th> <th style="width: 15%;">Trial 3</th> </tr> </thead> <tbody> <tr> <td>Car 1</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					Predict	Trial 1	Trial 2	Trial 3	Car 1				
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Car 1															
Conclusion	<p>How far did your car roll?</p> <p>Draw and label a picture of your experiment.</p>														