



# Hot Wheels

<b>Aim</b>	To release a car from a sloping track at the right height for the car to jump a gap and land on a target.		
<b>Materials</b>	1 ski jump track	1 car	1 m rule
<b>Method</b>	<ul style="list-style-type: none"> <li>• Calculate the height using the laws of mechanics.</li> <li>• Based on this value, choose three heights to use in three trials.</li> </ul>		
<b>Conditions</b>	Your three chosen heights are tested in three consecutive trials.		
<b>Time Limit</b>	25 minutes		
<b>Ranking</b>	The ranking order will be determined by the product of the distances (over the three attempts) between the landing positions of the car and the target.		

Chosen heights:




**Team**

**Result**

*Do not write below this line*

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**Rank**