













## Tools and Equipment, Part I

### TeachEngineering

#### Simulation

Create a design for a ramp at a construction site by measuring four different inclined planes and calculating the ideal mechanical advantage versus the actual mechanical

Suggested Learning					
Time	00 : 45	Cost	0.00		
PreRequisites					
Requirements					
Skills		Focus	Level	Standard	Points
 Applied Science				<a href="#">NGSS</a>	2
 Written Communication				<a href="#">CC</a>	1
 Mathematics				<a href="#">CC</a>	1
 Physics					1
<b>Total Skill Points</b>					<b>5</b>
<b>Knowledge Gain</b>					
Calculate the mechanical advantage of an inclined plane in two different ways.					
<b>Resource Link</b>					
<a href="https://www.teachengineering.org/activities/view/cub_simp_machines_lesson02_activity1">https://www.teachengineering.org/activities/view/cub_simp_machines_lesson02_activity1</a>					