

Design/Build Challenge Scorecard

Test # 1

Team Identification Box	
School: _____	
State: _____	
Level: MS 9/10 11/12	
Sublevel: A B C D E F G H I J K L M	
N O P Q R S T U V W X Y Z	

Teams: fill in the time, accuracy, and cost data in the boxes below after your build is complete

Each team should receive two of these scorecards

Category	Units		Enter data below
Time to rescue bear <i>50% of overall score</i>	In seconds (180 seconds maximum)	<input style="width: 60px; height: 60px; border: 1px solid black;" type="text"/>	<p style="text-align: center;">Seconds (1 – 180 sec); record to the nearest whole second</p> <p style="text-align: center;"><i>Check this box <u>only</u> if bear is not removed or time exceeded 3 minutes</i></p>
Accuracy (represented by bear placement on target) <i>10% of overall score</i>	Points	<input style="width: 60px; height: 60px; border: 1px solid black;" type="text"/>	<p style="text-align: center;">Points (0 – 10 points)</p>
Cost (represented by weight) <i>40% of overall score</i>	In grams	<input style="width: 60px; height: 60px; border: 1px solid black;" type="text"/>	<p style="text-align: center;">Weight of entire apparatus (grams); record to the nearest whole gram</p>

All the above data needs to be entered by a student team member and verified by an adult volunteer judge.

I certify that the time to rescue the bear, the accuracy points, and the weight of the materials used to build the final device is correct.

Signature of team member: _____ Printed name: _____

Signature of judge: _____ Printed name: _____