

## **RESCUE APPARATUS CHALLENGE RUBRIC**

Category	4 Points	3 Points	2 Points	1 Points	0 Points
<b>PERFORMANCE</b>					
Stability	Stable with no support	Wobbles but no support needed	Very shaky, no support used	Unstable and some needed support	Unstable and does not hold up.
Number of Passengers	4 secure passengers	3 secure passengers	2 secure passengers	1 secure passenger	0 passengers
Safety of Passengers	All passengers are in the same position at start and finish	Majority of the passengers are in the same position at start and finish	Half of the passengers are in the same position at start and finish	Less than half the passengers are in same position start and finish	No movement
Distance Traveled	Table Height	More than half, but not to table height	Halfway	Off the ground but less than half	Never left the ground
<b>PLANNING</b>					
Design/Blueprint	Diagrams sketched and clearly labeled	Diagrams are sketched but not clearly labeled	Diagram Sketched, no labels	Diagram is not clearly drawn	No diagram
Budget	less than \$100	\$101 to \$120	\$121 to \$140	\$141 to \$160	Over \$160
<b>ENGINEERING EXPLANATION</b>					
What features were unique about your vehicle?					
What was the weakest/strongest part of your vehicle?					

What is one revision that your team would make to your design?					
<b>TOTAL POINTS</b>					