

DESIGN REPORT RUBRIC

Version Date: 12/16/2024

School Name:

Team Name:

Kart Number(s):

Component	Poss. Pts.	Score (%)	Score (pts.)	Judge 1 Comments	Judge 2 Comments	Judge 3 Comments
Introduction : The introduction draws in the reader, highlights what will be discussed in the report, and excites the reader to read the report.	5		0			
Battery & BMS : A sound engineering process was used to optimize performance of the kart.	35		0			
Motor & Motor Controller : A sound engineering process was used to optimize performance of the kart.	20		0			
Mechanical Systems : A sound engineering process was used to optimize performance of the kart.	20		0			
Pictures, diagrams, charts, graphs, and images : used throughout the report in support of, or to substitute text to more effectively and efficiently convey information to the reader. Their placement is logical, their purpose is clear, and they are easy and intuitive to interpret and understand.	10		0			
Innovation/Creativity : - The team explored a wide breadth of potential improvements, including unique changes to their kart that had potential to significantly improve its performance. - The team devised clever and creative ways to predict and test potential improvements within their known capabilities and constraints. - The team implemented an innovative change to their kart that significantly improved its	10		0			
TOTAL	100	---	0.0	0%		