



# STEM REPORT RUBRIC

School:

Kart Number(s):

Component	Poss. Pts.	Score (%)	Score (pts.)	Judge 1 Comments	Judge 2 Comments
<b>Introduction</b> : There is an introduction that draws in the reader, highlights what will be discussed in the report, and excites the reader to read the report.	5		0		
<b>Design Activity #1 - Electric Powertrain</b> : The activity followed the scientific method, the results are credible, and produce improvements to the karts performance.	25		0		
<b>Design Activity #2 - Mechanical Systems</b> : The activity followed the scientific method, the results are credible, and produce improvements to the karts performance.	25		0		
<b>Design Activity #3 - Other Improvements</b> : The activity followed the scientific method, the results are credible, and produce improvements to the karts performance.	25		0		
<b>Pictures, diagrams, charts, graphs, and images</b> : 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		
<b>Innovation/Creativity:</b> - 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 performance.	10		0		

**TOTAL** 100 --- 0.0 0%

**Submission timing:**

- On-time = no point deduction
- 1 day late = 5 point deduction
- 2 days late = 10 point deduction
- more than 2 days late = no score

Deductions

0

**0.0**

**FINAL SCORE**