**Final Report Rubric**

**Report author:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Team name/team members: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

*Please attach this rubric to your final report (one report per student).*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Report Section** | **Description** | **Earned Points** | **Possible Points** | **Comments** |
| **Overview** | Summary of the task, including the needs and constraints. |  | **3** |  |
| **Description** | Overview of your design, including its inspiration. Describe the various aerodynamic components of your glider and how, according to science, they contributed to your success. |  | **10** |  |
| **Design Improvement** | Describe and justify all changes made to your glider since submitting the draft design. |  | **10** |  |
| **Costs** | Cost calculations for the final design, including any discounts, clearly presented. |  | **10** |  |
| **Testing** | Summarize the result of your launches, including any celebrations or frustrations. |  | **5** |  |
| **Data** | Clearly present all official test data. |  | **5** |  |
| **Ratio Calculations** | Clear calculations of the best distance-mass ratio in m/g. |  | **5** |  |
| **Project Improvement** | List at least one suggestion you have for the assignment and why you think it would improve the project. |  | **2** |  |
| **Total Score** |  | **50** |  |

**Additional notes:**