**Glider Rubric**

**Team name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Team members: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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

*Please submit this rubric with your glider (one per team).*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Description** | **Earned Points** | **Possible Points** | **Comments** |
| **Launching** | Glider is able to launch using the standardized launching mechanism  |  | **10** |  |
| **Construction** | Glider is able to survive the launching process and landing |  | **10** |  |
| **Integrity** | Glider is able to survive multiple launches and landings |  | **10** |  |
| **Flight** | 0-20 cm = 0 pts20-60 = 2 pts60-100 cm = 4 pts1-1.5 m = 6 pts1.5-2 m = 8 pts2+ m = 10 pts |  | **10** |  |
| ***Bonus*: Style** | The glider has pizazz, personality, humor or is distinctly patriotic |  | **10** |  |
| ***Bonus*: Maximized Ratio \*** | 1st place = +52nd place = +33rd place = +1 |  | **5** |  |
| ***Bonus*: Minimized Cost \*** | 1st place = +52nd place = +33rd place = +1 |  | **5** |  |
| **Total Score** |  | **60** |  |

\*Bonus points for the ratio and cost will be added following report submission.

**Additional notes:**