

**Sail Car Design Challenge Rubric**

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sail design #1 distance \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Sail design #2 distance \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** |
| **Imagine:**  Showed ideas to solve the problem | Incomplete  design  hypothesis  lacks shape, size and position details | Satisfactory  design  hypothesis  includes shape, size and position | Good design  hypothesis  includes shape, size and position | Excellent  design  hypothesis  includes shape, size and position |
| **Plan:**  Drew design with measurements and placement | Plan is missing | Incomplete  plan | Well thought out plan with parts missing | Excellent plan containing all parts |
| **Improve:**  Modified plans for sail and tested | No adjustment or improvement | Minimal adjustment or  improvement | Satisfactory adjustments made with plan | Excellent  adjustments and plan |
| **Group Work:** | I need to learn to work together and offer help to others | I contribute to the project but do not work well with my team mates. | I cooperate with the team | I helped the team work together and solve problems. |
| **Effort in project:** | Little effort made in project | Some effort made in project | Good effort made in project | Excellent effort made in project |

Total \_\_\_\_\_\_\_\_\_/25

Teacher comments:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_