**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Data Collection Rubric**

Group Number:

Team Name:

|  |  |  |  |
| --- | --- | --- | --- |
| Criteria | Trial #1 | Trial #2 | Trial #3 |
| Aesthetics |  |  |  |
| Stability |  |  |  |
| Cargo (g) |  |  |  |
| Mass of Boat (g) |  |  |  |
| Cost ($) |  |  |  |
| Time (s) |  |  |  |

\*If the boat doesn’t reach the end that trial will be counted as 0 overall\*

Aesthetics - Judges will evaluate on a 10 point scale

Stability -   10: straight path

 8: hit side once/swerving in lane

 6: Hits side multiple times

 4: Rides the side the whole way

Cost - Only include materials used in the final design. If you “bought” it but didn’t end up using it, don’t count it. If you use half a strip of tape or half a piece of paper, still count the whole cost.

Requirements:

 Cargo platform to hold supplies (washers)

 30 cm width and 30 cm length