**Data Collection Sheet**

**Qualitative Data**

As you test the vehicle, note any observations. Examples: The vehicle veers to the right; friction prevents the vehicle from moving forward; part of the solar panel didn’t get sunlight.

**Quantitative Data**

For the speed trials, record times to the nearest tenth of a second.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Trial #** | **Vehicle 1 (prototype)** |  | **Trial #** | **Vehicle 2** |
| 1 |  |  | 1 |  |
| 2 |  |  | 2 |  |
| 3 |  |  | 3 |  |

Variable(s) that was changed from your vehicle 1 to vehicle 2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Explain: