Send it Rollin’ Data Sheet

Hypothesis:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*\*\*\*For each weight, conduct four trials, or tests.\*\*\*

| Vehicle Speed Data Table | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Total Mass Added | Speed | | | | | |
| Trial 1 | | | Trial 2 | Trial 3 | Trial 4 |
| No extra weight |  | | |  |  |  |
| 1 weight |  | | |  |  |  |
| 2 weights |  | | |  |  |  |
| 3 weights |  | | |  |  |  |

Analyzing Your Data:

1. Look at your data above, were the values in the speed column the same or different for every run? Why do you think this is?
2. Are there any patterns that you notice about the speed of the vehicle as it went down the ramp as the weight of the load increased?
3. Go back to your hypothesis. Is your hypothesis correct? Explain using the data you collected.