**Ticker Trolley Experiment**

**Aim:** To plot a distance-time graph for the journey of a ticker trolley.

**Hypothesis:** I think that as the trolley is pulled off the table its speed will <*insert your prediction>.*

**Method:**

*<Insert steps>*

tape

power pack ticker timer trolley pulley

string

mass

**Results:**

Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Interval Number** | **Time (s)** | **Distance (cm)** | **Distance (m)** | **Summative Distance (m)** | **Average Speed (ms-1)** |
| 1 | 0.1 |  |  |  |  |
| 2 | 0.1 |  |  |  |  |
| 3 | 0.1 |  |  |  |  |
| 4 | 0.1 |  |  |  |  |
| 5 | 0.1 |  |  |  |  |
| 6 | 0.1 |  |  |  |  |
| 7 | 0.1 |  |  |  |  |
| 8 | 0.1 |  |  |  |  |
| 9 | 0.1 |  |  |  |  |
| 10 | 0.1 |  |  |  |  |

Graph

**Conclusion:**

Agree/disagree with hypothesis

Explain your results

Improvements