**Average and Instantaneous Speed**

**Aim:** To investigate which class member has the fastest average speed.

**Equipment:**

* Trundle wheel
* Stopwatch

**Procedure:**

1. Measure out 10 meters using the trundle wheel.
2. Measure and record the time taken for each group member to run 10 meters using the stopwatch.
3. Repeat two more times for the same group member.

**Results**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Time taken to run 10m** | **Average time** | **Average speed** |
| Student 1 |  |  |  |
|  |
|  |
| Student 2 |  |  |  |
|  |
|  |
| Student 3 |  |  |  |
|  |
|  |

**Who was the fastest runner in your group?**