

6.4: Procedures

Each person in the group will walk a distance of 10 meters multiple times.

Just Walking

1. Use masking tape to mark a path with two equally spaced distance intervals (5 meters each) as shown below.

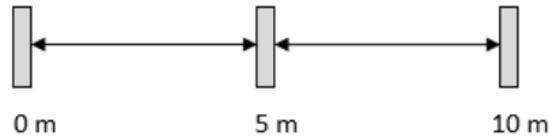


Figure 6.4.1: Two equally spaced distance intervals

2. Draw a table in which to record only your data for just walking. **Do not fill in data until you have read the instructions for obtaining that data.**

Table 6.4.1: My Just Walking Data

Trial #	Time for 0-5 meters	Time for 5-10 meters
1		
2		
3		
Average Time		
Average Speed		

3. One team member will stand at the 5 meter mark to measure the time it takes for you to walk the first interval (0-5 meters). A second team member will stand at the 10 meter mark to measure the time it takes for you to walk the second interval (5-10 meters).
4. You will walk the full 10 meters, without pausing, while your team members collect your data, for a total of 3 trials. Record your data in your data table.
5. Repeat procedures 3 and 4 until each team member has their data.
6. Calculate your average time and speed for each interval and record these values in your data table.

Texting & Walking

7. Draw a table in which to record only your data for texting and walking.

Table 6.4.2: My Texting and Walking Data

Trial #	Time for 0-5 meters	Time for 5-10 meters
1		
2		
3		
Average Time		
Average Speed		

8. Use your mobile phone to send a text or look through your social media while walking the 10 meters for the texting and walking trials. Record your data and calculations in your texting and walking data table.

Clean-up

- Remove all masking tape from the ground, and throw it away

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