

Term 3 - Weel 1 - Green Pass - 8Adv

Calculate Speed activity

Quick Investigation Measure Average Speed

Procedure

1. Read the procedure and safety information, and complete the lab form.
2. Mark a point on the floor with **tape**. Place a **toy car** at this point.
3. Give the toy car a gentle push forward. At the same time, start a **stopwatch**.
4. Record the time it takes for the car to come to a stop.
5. Use a **meterstick** to measure the distance the car traveled.

Data and Observations

Toy Car Trip	
Trip time	
Distance in cm	
Distance in m	

Analysis

1. **Calculate** the average speed of the car in m/s.

2. **Infer** How would the average speed change if you gave the car a harder push? Try it.
