

## **Lab – Silly Motion**

**Purpose:** To analyze silly motion.

**Materials:**

- Trundle wheel
- Stop watch

**Instructions:**

1. Work with two lab partners.
2. Walk a distance of twenty meters doing something silly (crab walk, hop.... Be creative!)
3. As you start at the zero mark, both partners (one at the 10 m mark and one at the 20 m mark) start the watches. They stop timing your motion as you pass them.
4. Record data for three trials each.
5. The standard conclusion should include a discussion of the differences between distance, displacement, speed and velocity seen in your silly motion.