

Representations of motion *Dynamics first* Equipment

List

- white board or large sheet of paper with markers
- see also special equipment

Special Instructions

Special equipment:

- computers with motion detectors and software to graph motions of students walking in front of detectors.
- Motion detectors and software to graph real-time motions can be obtained from multiple companies, *e.g.*, Vernier Software (<http://www.vernier.com>).
- Students will need instructions on the use of the computers and motion detectors. Suggest that they remove bulky clothing or use a board to help present a larger target to the detector.