

Velocity *Dynamics first* Equipment

List

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

Special Instructions

Special equipment (enough for class of 24):

- 24 ticker tape segments
- 24 rulers
- 24 sticky notes
- 1 ticker timer (optional for class demonstration)

The tape segments can be made by cutting a long ticker tape of a uniformly accelerated motion into small segments, each with 6 dots. Cut at various angles to make obvious how the pieces fit together at the end of tutorial.

Each student should have at least one segment. The initial speed should not be so small that the intervals are hard to read; the acceleration should not be so great that it is easily detectable from 6 dots.