

Motion on Incline

- Rolls
- Low resistance to movement
- Table vibrates when it hits the end of the ramp
- Bounces back → never all the way back to original position
- Ramp is inclined
- Cart moves faster as it moves down the ramp
- Velocity is not constant
- Slows down as it goes up the ramp

Measure:

- time
- position
- mass of cart
- force when hits the end
- angle of ramp

Lab:

- Measure position-time for two different angles

Whiteboard:

- Procedures
- Position-time graph