

## Momentum Inquiry

Purpose: Determine the momentum of different objects

Materials available: metersticks, stopwatch, various "rolling" objects, balance (two for the entire class), masking tape, ...?

1. Read your notes and write the definition for momentum.
2. Get 3 different "rolling" objects.
3. Write down your predictions as to which object will have more momentum (rank order).
4. Determine the momentum of each object.

Write down all that you do and data you collect...make a data table

Show your calculations

5. Make one of the lesser momentum objects have more momentum than the largest momentum object. Explain what you did to accomplish this.