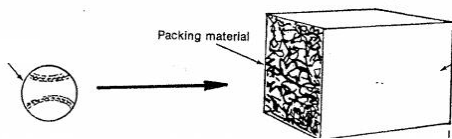


Momentum Conservation Lab

Background information

- With your partner, write a paragraph or two that gives background information on ballistics pendulum. Explain what it is, what it is used for, and how it works. List the *valid* sources that you utilized.

Procedure



- Use kinematics, force, and momentum equations to determine how fast you throw the ball!
- Show all work (including knowns, unknowns, equations, diagrams, work, etc)

Sections in report

- Method (procedures, diagrams, anything useful so experiment can be replicated)
- Data
- Calculations
- Conclusion paragraph (include errors and discussion of **how** errors impact your numbers)
- Individual part

Individual Part

- Write a description of what is happening in the lab. You should clearly explain all of the equations you used, why you used them, and what this means for the lab.