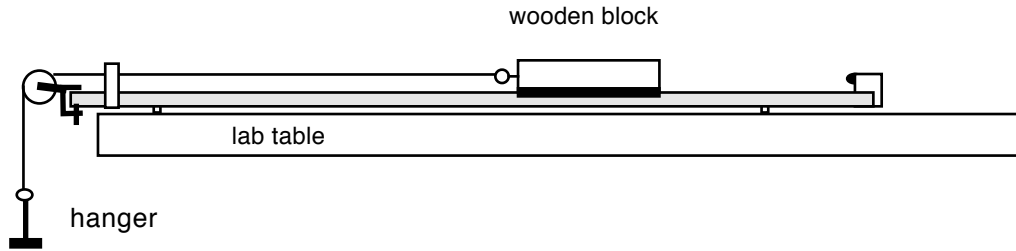


Lab 5-4: Finding Friction @School

Purpose: Devise a method to calculate the force of friction between a wooden block and the lab tracks when the block is pulled across the track by a hanger.



Procedure: Attach a string to a wooden block and attach a pulley to the end of the table. Put a hanger (and enough extra mass) on the end of the string so that it accelerates the wooden block across the table. Devise a method to calculate the force of friction that is acting on the block. In the space below, describe what you will try to measure, how you will measure it and what equipment you will need. When your group is done, show your teacher. Be prepared to also explain how you will analyze your data to ultimately calculate the force of friction on the block.

Other Equipment Needed:

Procedure:

Data:

Teacher OK: _____

Analysis & Conclusion: