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| ***Conservation of Energy Lab – Spring Energy***  **Objective:** Using the given setup you are to   * Observe the effects of changing mass on energy conservation * Calculate the potential energy before and kinetic energy after an energy transfer * Determine if the spring constant of a given spring * Determine the coefficient friction using energy conservation   Include a graph of **v2** vs **d** and use it to calculate the coefficient from the slope.  When sharing the document, choose “Can Edit” | ***Conservation of Energy Lab – Spring Energy***  **Objective:** Using the given setup you are to   * Observe the effects of changing mass on energy conservation * Calculate the potential energy before and kinetic energy after an energy transfer * Determine if the spring constant of a given spring * Determine the coefficient friction using energy conservation   Include a graph of **v2** vs **d** and use it to calculate the coefficient from the slope.  When sharing the document, choose “Can Edit” |