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| AP PHYSICS 1 FORCES LAB DESIGN  **MATERIALS**: Labquest, dual-range force probe or spring scale, block of wood, various masses, protractor, motion sensor, wooden board, balance  **Objective:** Using some or all of the equipment above, design a lab to measure the coefficients of static and kinetic friction between two surfaces.  No percent error calculation will be necessary, but you should know what kind of values to expect.  The graph included in your lab depends on the method chosen.  The lab needs to be submitted via Google Docs. When sharing be sure to choose **“Can Edit”.** | AP PHYSICS 1 FORCES LAB DESIGN  **MATERIALS**: Labquest, dual-range force probe or spring scale, block of wood, various masses, protractor, motion sensor, wooden board, balance  **Objective:** Using some or all of the equipment above, design a lab to measure the coefficients of static and kinetic friction between two surfaces.  No percent error calculation will be necessary, but you should know what kind of values to expect.  The graph included in your lab depends on the method chosen.  The lab needs to be submitted via Google Docs. When sharing be sure to choose **“Can Edit”.** |