Mrs. Menicucci

Physical Science 2024

Week 4

September 2 – September 6

Three days of classes

Mon 9/02

* Labor Day



Tu 9/03

* Finish Friday lab calculations if needed
* lab: graphing the acceleration lab from the last class using the 5 grid graph paper; it is ok to graph one or two objects per graph, or one object & color coding key is ok; possibilities include Fxm, Fxa, mxa

Wed/Thurs

* Class discussion of net force diagrams with basic instruction of arrows (vectors) with box falling & separate diagram of box sitting on table/floor with arrows. F=ma with full names of variables & explanation of units, include the 2d/t­2 for acceleration
* Go to <https://www.ck12.org/assessment/tools/geometry-tool/plix.html?eId=SCI.PHY.109&questionId=536423fd5aa41354c03a6f4d&artifactID=1824005&plix_redirect=1>
* We will do the net force on each box and then questions 1-4 on the challenge
* Front page of balanced & unbalanced forces

Fri 9/06

* Finish Lab: balanced and unbalanced forces (back page with dynamics carts)

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