

PLAN of THE DAY 10-20-06 (Friday – Day 6 - F Day)

(Mr. Menin, PSII, Room 279)

MOTION => CHANGE IN MOTION => CAUSE OF CHANGE IN MOTION

Continuing Objectives: Understanding of **average velocity** as [Total Distance] / [Total Time] or = [Total Distance] / [Total Time] = $\Sigma d\text{'s} / \Sigma t\text{'s} = \Delta d / \Delta t$.

Understanding of (*average*) acceleration as => ***a*** = $\Delta v / \Delta t = (v_f - v_i) / (t_f - t_i)$.

Understanding of displacement, velocity & acceleration vs. time graphs (*nine total*) for conditions of constant displacement, velocity & acceleration. Understanding for constant acceleration $V_{AVG} = [V_f + V_i] / 2$. Rearrangement of these three basic equations of motion so as to derive others.

1. Ask how note takers are doing: (*Worth 5 point Coupon on each Qtr Quiz & Test – not UNQ*). Record **NAME, SECTION & DATE** on each page.
A => Kristen Olsson
B => Mike Child
D => Halsey Berryman
E => Clark Jacobsen (*revised from Sarah Collins*).
2. **Reiterate Wednesday’s UNQ Deal or No Deal offer – anyone “talking” will be disqualified. Show Sadaam Hussein photo. Show solution. Conditions: Friday or Monday after school – NO NOTES – CLOSED BOOK**
3. Finalize **“Prove That You Can Accelerate”** report write-up concerns – due Wednesday October 25th, 2006.
4. Review POD 11 Questions.
5. Show “Science Fair” spoof video.
6. Extra Time do mini *“Prove You Have The Slowest Car and Fastest Car”* lab.