PLAN of THE DAY 10-19-06 (*Thursday – Day 5 - E 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] = Σ d's / Σ t'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. 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. Explain "**Prove That You Can Accelerate"** report write-up.

4. Extra Time do mini "*Prove You Have The Slowest Car and Fastest Car*" lab.