Unit 4 and 6

Day 1: review assessment,

Bocce ball lab – standing still, constant v, speeding up, slowing down, changing direction, sliding at a constant velocity. Hw: worksheet 1 (and 2 for honors)and reading

Day 2: wb ws1

FA net force quiz/ Quiz 1 honors Hw: study for re-assessments or other projects

- Day 3: Gravitational Field Lab Heavy Boots Hw: worksheet 3 (honors) Weight questions (CP)
- Day 4: WB worksheet 3 (honors) Weight questions (CP) Video: friction Friction Lab
- Day 5: Newton's 3rd law demo using force sensors Conceptual physics worksheet – 3rd law Hw: worksheet 4
- Day 6: WB worksheet 4 Review acceleration and freely falling objects Hw: worksheet 1/Wile E. worksheet (unit 6)
- Day 7: WB worksheet 1/ Wile E. worksheet

Show videos from Eugenia and discuss motion of ball in x and y direction

Work on picture of projectile to distinguish motions in 2 directions (Use graph paper and show on the sides the ball being dropped and across the top the ball being rolled with a constant speed. Then have them match up the seconds to see the trajectory) HW: worksheet 2

Day 8: WB worksheet 2 FA: quiz 1 Hw: worksheet 3 (whole thing for H, Modified version for CP)

Day 9: WB worksheet 3 Use projectile launcher to find Vi Use projectile launcher to find range launched at an angle for honors. HW: Review sheet (need to make)

Day 10: review

Week before break: re-assessments

Worksheet2 (honors) FA Quiz 1 (see lizs' fbd quiz) Gravitational field lab Heavy boots Worksheet 3 (cp questions 1&2 only) Newtons third law demo using force sensors Worksheet 4

Unit 6

Eugenia's Videos- to set up independence of x and y directions Picture of projectile with grid behind to determine UA or CV in x and y direction Worksheet 1 Wile E. on Earth wkst Worksheet 2 Worksheet 3