

Week of: 9/10 to 9/14/07 Teacher: Gillespie/Coronado Team: Physics

Monday	Objective: Understand why we use scientific method. Learn how the design process will help us in class for project developing. Properly conduct labs in a safe manner. <b>1A 2A 2C</b>
	Activities: Reinforce dimensional analysis using examples and <b>peer help</b> if necessary. Go over the scientific method using fun examples. Go over the design method that will apply to project development for class. Lab safety review and get safety contract signed. Hand out syllabus with class procedures.
	Materials: practice work, notes
	Follow Up/HW: Finish any work to catch up/class transfers.
Tuesday	Objective: To troubleshoot any problems that may still exist before test on block day.
	Activities: Collaborative learning day to prepare for quiz wed/thurs. Have students work out problems on board/review game.
	Materials: cumulative practice sheet.
	Follow Up/HW: Study for quiz.
Wed/Thur	Objective: To demonstrate knowledge of algebra and necessary skills to be able to solve physics equations. To understand what speed means and how to find out speed given instruments of measurement. <b>2B 2F 4A</b>
	Activities:  Quiz covering dim. analysis, solving variables algebraically, sig. figs., rt. triangles, lab safety, and sci. notation  Introduce concept of distance, time, speed. Conduct cops <b>lab</b> - see if drivers on briar forest are speeding. (check for proper measurement/team problem solving.)
	Materials: notes, quiz, meter sticks, stopwatches, etc.
	Follow Up/HW: 2B, 2C, 2D
Friday	Objective: To understand the full meaning of acceleration and dispel misconceptions about it. <b>4A 4B</b>
	Activities:  Cover free fall motion “nothing falls, it only accelerates”. Demonstrate various misconceptions about movement.
	Materials: Equipment showing free-falling and projected objects fall at same rate.
	Follow Up/HW: 2E