Objective	Reinforcement	Quiz 1: Vectors	Quiz 2: Projectiles	Practice Test
2.1 Describe the difference between vector and scalar quantities.	**1) Textbook: Read pg 14 "Force Vectors" Record the definition of a vector & a scalar and list two examples of each.** **2) Textbook: Read 5.1 pg 69. Problems: pg. 81 #1 & 2** **3) TPC Read 1D Kinematics Lesson 1b. Record CYU Answers** 4)MOP: Mechanics → Kinematics Concepts: sblvl 1 5) SBM: Reading & Study WS – Exercises – Ch.5 #1-9			
2.2 Add two or more vectors graphically/component method.	**1) SBM: Problem Solving Exercises 3-1 #2, 3, 6, 7** **2) TPC Read Vectors Motion and Forces in 2D Lesson 1b. At the bottom of the page click on the link to "a separate page." Complete questions 1,2 & 6** 3) MOP: Mechanics → Vectors & Projectiles Sublevel 2 4) SBM: Reading & Study WS – Exercises – Ch.5 #10-17 SBM: Concept Development 2-2: Net Force			
2.3 Find the horizontal and vertical components of a vector.	**1) Text Problems: pg.81 #14, 39** **2) TPC Read Vectors: Motion and Forces in 2D Lesson 1e. Under More practice choose and record 3 different vectors and determine their components. Check your work** 3) MOP: Mechanics →Vectors & Projectiles Sublevel 5 4) SBM: Reading & Study WS – Exercises – Ch.5 #18-21 SBM: Problem Solving Exercises 3-1 #8, 9			
2.4 Find the magnitude and direction of a vector given its horizontal and vertical components.	**1)Read book: pg. 70-72** **2) Text Problems: pg. 81 #19-21, 38** 3) MOP: Mechanics →Vectors & Projectiles Sublevel 4 4) TPC Read Vectors: Motion and Forces in 2D Lesson 1g. Show work for CYU 1-5			
2.5 Describe the motion of a projectile launched horizontally in terms of the horizontal and vertical components of the motion.	**1) Read book: pg. 74 Compare and contrast vertical and horizontal motion** **2) Text Problems: pg. 81 #9** **3) TPC Read Vectors Motion and Forces in 2D Lessons 2 ab Show work for CYU** 4) MOP: Mechanics→Vector & Projectile Sublevels 7,8,9 (Choose 2) 5) SBM: Reading & Study WS – Exercises – Ch.5 #23-31 SBM: Concept Development 5-1 Complete all of it			
2.6 Calculate unknown variables for a projectile launched horizontally off a cliff.	**1) Read book: pg. 74** **2) Text Problems: pg. 81 #15, 44, 46** 3) MOP: Mechanics →Vectors & Projectiles Sublevel 10 4) SBM: Problem Solving Exercises 3-2 #10-12, 15, SBM: Next Time Question 5-3 *Additional Help: TPC Vectors Motions and Forces in 2D Lesson 2e & CYU*			

Objective	Reinforcement	Quiz 1: Vectors	Quiz 2: Projectiles	Practice Test
2.7 Describe the motion of a projectile launched at some angle to the horizontal in terms of the horizontal and vertical components of the motion.	**1) Read book: pg. 75-79** **2) Text Problems: pg. 81 #34** **3) TPC Read Vectors Motion and Forces in 2D Lessons 2 ab Show work for CYU** 4) MOP: Mechanics→Vector & Projectile Sublevels 7,8,9 (Choose 2) 5) SBM: Reading & Study WS – Exercises – Ch.5 #32-39 SBM: Concept Development 5-2 Tossed Ball			
2.8 Calculate unknown variables for a projectile launched at an angle.	**1) TPC Read Vectors Motions and Forces in 2D Lesson 2f Show work for CYU** **2) Text Problems: pg. 81 # 16, 45, 49** 3) MOP: Mechanics →Vectors & Projectiles Sublevel 10 4) SBM: Problem Solving Exercises 3-2 #13, 14, 16			

Passing score is a 55% and above.

Bold activities are required. Choose either ALL the SBM or the MOP.   All information is on your initial handout. Extra copies can be found at mrsgiegler.weebly.com on the Physics 432 Units.