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| Monday       | 4A, 4B, 2C, 3A, 4D, 4E, 3B, 2E, 2F | Distinguish between field and contact forces & interpret force diagrams & understand motion caused by forces | Activities: Introduce forces and the laws of motion  
Define force, contact force, and field force  
DEMONSTRATE field force with balloon and confetti  
Introduce Sir Isaac Newton  
Discuss force diagrams and complete section 1 review as a class | Book, Calculator, notes                           | Follow Up/HW:                              |
| Tuesday      | 4A, 4B, 2C, 3A, 4D, 4E, 3B, 2E, 2F | Understand all calculations involving net external force. Also, understand motion and how it relates to net external force & understand calculated equilibrium | Activities:  
Discuss Newton’s First Law in detail  
Explain inertia and equilibrium  
Demonstrate sample problem 4A  
WARM-UP Airplane Problem  
Explain why seatbelts are important | Book, calculator, notes, and pen | Follow Up/HW: Problems Practice 4A |
| Wednesday/Thursday | 4A, 4B, 2C, 3A, 4D, 4E, 3B, 2E, 2F | To assess knowledge of previously covered topics. The student will be able to perform all vector operational problems and deal with projectile motion. | Activities:  
QUIZ OVER PREVIOUS TOPICS  
Monkey Problem, Baseball Plate Problem, Royal Gorge Bridge Problem, Force Diagrams, Vocabulary | Books, calculators, and notes | Follow Up/HW:                              |
| Friday       | 4A, 4B, 2C, 3A, 4D, 4E, 3B, 2E, 2F | Understand action/reaction pairs & acceleration ramifications while considering mass. Describe motion of object in terms of mass and force & identify action reaction pairs & predict direction of acceleration | Activities:  
Discuss Newton’s 2nd Law  
Discuss Newton’s 3rd Law  
WARM-UP #1 pg133 | Book, calculator, notes, and pen | Follow Up/HW: Problems Practice 4B and Section Review pg. 140 |