| Day               | TLW: 4A, 4B, 2C, 3A, 4D, 4E, 3B, 2E, 2F | Objective: Solve problems involving projectile motion  
Activities: Demonstrate techniques of two dimensional motion  
Apply new equations to resolve problems  
Do the monkey problem and the gorge problem  
Resolve Vectors into their components and apply kinematic equations  
Materials: Book, Calculator, and notes  
Follow Up/HW: Review Problems and 3D gather newspaper |
|------------------|-------------------------------------------------|
| Monday           | TLW: 4A, 4B, 2C, 3A, 4D, 4E, 3B, 2E, 2F       | Objective: Describe situations in terms of frame of reference & relative motion  
Activities: Warm-up with #1 page 109  
Discuss relative motion and frame of reference  
Demonstrate sample problem 3F  
Review any quiz questions  
Solve problems involving relative velocity  
Materials: Book, calculator, and notes  
Follow Up/HW: Work on project and gather newspaper |
| Tuesday          | TLW: 4A, 4B, 2C, 3A, 4D, 4E, 3B, 2E, 2F       | Objective: Use the student designed projects for their purpose  
Activities: Line the hallway with protective newspaper  
Drop the egg projects from various heights  
Materials: Projects  
Follow Up/HW: Read Chapter 4 section 2 |
| Wednesday/Thursday | TLW: 4A, 4B, 2C, 3A, 4D, 4E, 3B, 2E, 2F      | Objective: 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  
Materials: Book, Calculator, notes, and pre-quiz  
Follow Up/HW: |