This part of Chapter 4 extents Newton’s Laws of Motion to Momentum. The Law of Conservation of Momentum is one of the most important conservation laws is true for all things in our universe from sub-atomic particles, to car crashes to colliding galaxies. This part of chapter 4 will allow you to start investigating this important topic.

1) 4.4 Momentum
   a) Do Warm Up p. 121
   b) PowerPoint on Momentum
      i) Momentum Practice Questions – example problem
   c) Mass x Velocity – Read p. 121; Do Quick Check #1 – 3 p. 122
   d) Impulse – Read p. 122; Do Quick Check #1 – 3 p. 123; Class note on Impulse
      i) Read through Sample Problem 4.4.1 Conservation of Momentum p. 124
         (1) Do Practice Problems 4.4.1 #1 - 3 – Conservation of momentum p. 125
         (2) Do Momentum Review Worksheet
   f) Quiz on Momentum