

Name _____ Date _____ Per _____

Success Criteria Checklist Pages 140 - 147 (Notes need to go on a separate piece of notebook paper)

Please put a checkmark next to each of the pages below after you have completed what is asked for you to do on those pages.

- Page 141** - Newton's First Law of Motion Described (be sure to include what happens at constant velocity) the "simple statement" for Newton's First Law copied
- Page 142** - Newton's Second Law of Motion Described, including what the term **inertia** means. What happens to you when you are in a car and the brakes are applied suddenly? Reading Check on the bottom of page 142 Completed
- Page 143** - "Changes in Acceleration and Mass" **Read**
"Calculating Force," including the Net Force Equation copied.
The equation for calculating acceleration (derived from the Net Force Equation) Questions answered for Figure 3 on Newton's Second Law
- Page 144** - "Calculations with Newton's Second Law" Read and how a Newton is derived is described - What is one Newton?
Formula to solve for m is written - If you know $F = m \times a$ then how could you use this equation to solve for mass if you were given the acceleration and the force?
- Page 145** - The section on what Newton's Third Law is Summarized
Figure 4 Completed
"Action-reaction" pair is Described
- Page 146** - "Balance and Action-Reaction Forces" Read
Reading Check and Figure 5 Completed - Understand Action-Reaction
- Page 147** - Figure 6 Completed (to see how Newton's Laws apply to an amusement park)
- Page 148** - Lesson Check 3 Completed