

Eastport South Manor Junior-Senior High School

"Commitment to Excellence"

WEEKLY OBJECTIVES

Subject: Physical Science

Week #: 7

Date: October 15 2012

Teacher: Fine, Failla, Aracri, Breheny

Topic: Topic: Forces and Newton's Laws

Learning Objectives:

1. Students will be able to state Newton's 3rd law of motion.
2. Students will be able to determine which objects have more or less momentum
3. Students will be able identify action/reaction activities as Newton's 3rd law
4. Students will be able to recognize and name the Law of Conservation of Momentum.

Teaching Strategies:

1. SMART presentation/discussion?
2. Teacher/Student demonstration?
3. Independent and group activities?
4. Teacher directed question & answer?

Learning Activities:

1. Calculate momentum given a mass and velocity
2. Amusement Park Physics online activity in the Library
3. Interpret and identify Newton's 3rd law
4. Interactive bottle rocket demonstration
5. BNSG - Momentum

Assessment:

1. Forces handout completion
2. Forces Test