

Eastport South Manor Junior-Senior High School

"Commitment to Excellence"

WEEKLY OBJECTIVES

Subject: Physical Science

Week #: 10

Date: 11/4/12

Teacher: Aracri, Fine, Failla, Breheny

Topic: Work, Power and Machines

Learning Objectives:

1. Students will be able to state and apply the formula for work.
2. Students will be able to determine the difference between an ideal and actual machine
3. Students will be able identify different simple machines (lever, pulley, inclined plane)
4. Students will be able to calculate mechanical advantage.

Teaching Strategies:

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

Learning Activities:

1. Interactive Smartboard
2. Simple Machines Review
3. DI Jig Saw activity - Energy

Assessment:

1. 1st Quarter Exam