

Eastport South Manor Junior-Senior High School

"Commitment to Excellence"

WEEKLY OBJECTIVES

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Subject: PHYSICAL SCIENCE

Week #: 13

Date: 11/25/2013

Teachers: Aracri, Breheny, Fine, Failla

Topic: Thermal Energy

Learning Objectives:

1. Students will be able to define Temperature, Thermal energy, specific heat.
2. Students will be able to explain different thermal energy transfer methods.(conduction, convection, radiation)
3. Students will be able to identify different home heating methods (forced air, radiator, passive and active solar)
4. Students will be able to give examples of good conductors and good insulators.

Teaching Strategies:

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

Learning Activities:

1. Teacher demonstrations (lab equipment)
2. Interactive Smartboard review
3. DI small group activity

Assessment:

1. In class discussion, Q/A
2. Directed reading for content mastery