

Eastport South Manor Junior-Senior High School

"Commitment to Excellence"

WEEKLY OBJECTIVES

Subject: Regents Physics

Week #: 2

Date: 9/9 - 9/13

Teacher: Ward and Lever

Topic: Mathematics in Physics & Quantum Theory

Learning Objectives:

1. Review conversions of measurements into correct scientific notation.
2. Manipulate measurements with various metric prefixes.
3. Perform operations using calculator in scientific mode.
4. Analyze the electromagnetic spectrum.
5. Describe evidence of dual nature of light.
6. Define photon.

Instructional Strategies:

1. Lecture and note taking
2. SmartBoard
3. Problem solving activities

Learning Activities (Technology/DI):

1. Paper Tower Lab
2. Metric Activity
3. Scientific notation activity

Assessment/Data:

1. Paper Tower Lab – cooperative activity
2. Homework assignment #1

