

# Eastport South Manor Junior-Senior High School

*"Commitment to Excellence"*

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## WEEKLY OBJECTIVES

**Subject: Regents Physics**

**Week #: 13**

**Date: 11/25-11/26**

**Teacher: Ward and Lever**

Topic: Vectors and Inclined Planes - Chapter 5

Learning Objectives:

1. Evaluate the sum of two or more vectors graphically in two dimensions.
2. Solve for the sum of two or more vectors algebraically.
3. Understand the independence of vector components.

Instructional Strategies:

1. Scaled Diagrams and protractor usage review
2. Notes – Lecture
3. Problem-solving in class

Learning Activities (Technology/DI):

1. The Paper River Investigation
2. Scaled Drawings – Practice Problems

Assessment/Data:

1. Problem solving activities
2. Lab reports