

Eastport South Manor Junior-Senior High School

"Commitment to Excellence"

WEEKLY OBJECTIVES

Subject:

Week #: 13

Date: 11/24/13

**Teacher: Spadafora, Walter, Plymale, Hauer, Starbuck, Reinke, Bothwell,
Brisson**

Topic: Rocks and Minerals

Learning Objectives:

1. Students will be able to differentiate between igneous, metamorphic, and sedimentary rocks by observing the minerals with in them
2. Students will be able to identify the 5 agents of erosion

Instructional Strategies:

3. ELA Shift 3- Staircase of Complexity- Appropriate texts- Charts, Graphs, Dichotomous key for identifying all rocks
4. Mathematics Shift 5- Application- Applying knowledge to real world situations- identifying actual hand samples of rocks
5. ELA Shift 5- Writing from sources- defending identification of rocks and minerals using supporting arguments from text and Earth Science Reference Tables
6. ELA Shift 3- Staircase of Complexity- Appropriate texts- Charts & Graphs used to describe stream velocity and related sediment carrying size.

Learning Activities (Technology/DI):

7. Cookie/Rock Cycle Lab

Assessment/Data:

1. Rock and Mineral Test

Other:

