

# EASTPORT-SOUTH MANOR JR. SR. HIGH SCHOOL

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MARK A. NOCERO  
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## WEEKLY OBJECTIVES Subject: PHYSICAL SCIENCE

Week #: 19

Date: 1/13/2014

Teachers: Aracri, Fine, Failla, Breheny

Topic: Solids, Liquids and Gases

Learning Objectives:

1. Students will explain the relationship between fluid speed and pressure
2. Name the upward force in a fluid
3. Students will predict when buoyant force will be great enough to support an object.
4. Students will describe the relationship fluid relationships between temperature and pressure and volume and pressure.
5. Students will be able to apply Pascal's Principle.

Teaching Strategies:

1. SMART presentation/discussion.
2. Teacher/Student demonstration.
3. Independent and group activities.

Learning Activities:

1. Teacher demonstrations (lab equipment)
2. BNSG: Buoyancy
3. Phet:Colorado Inquiry lab

Assessment:

1. In class discussion, Q/A
2. Solid, Liquid, Gas Exam

**Eastport-South Manor Central School District**

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