Thursday, April 16/15
Science 122

http://mvhs-sherrard.weebly.com/

1. Questions?
   Worksheet: Fluids - The Equation of Continuity
   Cutnell - Page 332 #56, 57, 58, 59
   Worksheet - Fluids - Continuity and Bernoulli's Equations
   Worksheet - Fluids - Continuity and Bernoulli's Equations #2

2. Test - Fluid Mechanics: *Moved from Friday to Monday.

3. Topic 5 - Nuclear Physics

Thursday, April 16/15
Physics 122/121

http://mvhs-sherrard.weebly.com/

1. Rewrites: Quiz U2-S1

2. Questions?
   Worksheet - Circular Motion
   Worksheet - Unbanked and Banked Curve Problems

3. Chapter 12 - Universal Gravitation

4. Theories of Planetary Motion

5. Kepler's Three Laws of Planetary Motion - To Be Continued

Thursday, April 16/15
Science 10

1. Quiz - Monday - Will be omitting -> Predicting Products
2. Lab - Types of Reactions
3. Worksheets

Quiz - Compounds and Reactions

1. Be able to identify ionic and molecular compounds.

ionic compounds - generally begins with a metal

-> simple binary

-> involving polyatomic ions

-> involving multivalent metals (roman numerals 1 to 10 required)

-> involving polyatomic ions and multivalent metals

molecular compounds - begin with a nonmetal or metalloid

-> binary

-> prefixes 1-10

-> diatomic molecules (hydrogen, nitrogen, oxygen, fluorine, chlorine, bromine and iodine)

-> S_8, P_4

-> water, ammonia, hydrogen peroxide

2. Be able to write the names and chemical formulas for ionic and molecular compounds.

3. Be able to identify the reactants and products in a chemical reaction.

4. Be able to identify the five reaction types.

-> formation/synthesis/combination

-> decomposition

-> single replacement/displacement

-> double replacement/displacement

-> combustion

5. Be able to balance chemical reactions.

6. Be able to predict the products of chemical reactions.

You'll need your 2 periodic tables.