


Science 9


Friday, November 1/19

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1. Items Owing/Updated Marks
 2. Handouts - Guided Reading
 - Understanding the Main Ideas
 3. The Motion of Our Sun
 4. Our Solar System's Small Bodies - Notes and Video Clip
 5. Asteroids
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6. Bennu - Video Clip
 7. Comets
 8. Meteorites

Physics 112

Friday, November 1/19

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1. Return:
Redos -> SA - U1 S3
 2. FA - FBDs
 3. First Law Problems - Continue
 4. [Worksheet: U2-S2](#) → [Newton's Laws of Motion](#)
→ [Try Introductory First Law Problems](#)
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Physics 122

Friday, November 1/19

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1. Return SA Monday
 2. Unit 2 - Section 1 - Uniform Circular Motion
 3. Definition - Uniform Circular Motion
 4. Horizontal Circular Motion
 5. Centripetal Force
 6. Formulas - Horizontal Circular Motion
 7. [Worksheet - Uniform Circular Motion](#)
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Science 10

Friday, November 1/19

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1. SA - Chemistry #3 - **Tuesday, Nov. 5/19**
- Topics - See Next Page
 2. Check:
Review -> SA - Chemistry #3 (***Reaction Rates will be on SA**)
 3. Extra Practice - Mixed Nomenclature Practice
Practice Worksheet Naming Acids
Word Equations
Chemical Reactions and Chemical Equations
More Predicting Products of Chemical Reactions
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4. Unit 2 - Physics
 5. Physics
 6. Linear Motion
 7. Physical Quantities
 8. SI System
 9. Base Units
 10. Derived Units
 11. Scientific Notation
 12. Certainty and Significant Digits
 13. Our Rule for Counting SDs
 14. Worksheet – Counting Significant Digits and Rounding

Topics - SA: Chem #3

- be able to identify ionic compounds and molecular compounds
 - ionic compounds begin with a metallic ion or ammonium
 - molecular compounds begin with a nonmetal or metalloid
- be able to write the formulas and names for:
 - (a) simple binary ionic compounds
 - ie/ NaCl - sodium chloride
 - (b) ionic compounds containing polyatomic ions
 - ie/ Mg(ClO₃)₂ - magnesium chlorate
 - (c) ionic compounds containing multivalent metals
 - ie/ FeBr₃ - iron (III) bromide
 - (d) ionic compounds containing multivalent metals and polyatomic ions
 - ie/ Cu₃PO₄ - copper (I) phosphate
 - (e) binary molecular compounds (prefixes are required for these compounds)
 - ie/ P₂O₅ - diphosphorous pentoxide
 - (f) binary acids (anions do not contain oxygen)
 - ie/ HF - **hydrofluoric acid**
 - (g) oxyacids (anions do contain oxygen)
 - ie/ H₂SO₄ - sulfuric acid [sulfate -> sulfuric]
 - ie/ HClO₂ - chlorous acid [chlorite -> chlorous]
- recognize the 7 elements that form diatomic molecules (H₂, N₂, O₂, F₂, Cl₂, Br₂ and I₂), S₈, and P₄
- identify acids, bases and salts
- identify reactants and products
- be able to identify **six** types of reactions (formation, decomposition, single replacement reactions, double replacement reactions, combustion reactions, and neutralization reactions)
- be able to balance chemical reactions using numerical coefficients
- be able to translate sentences/word equations
- be able to predict products
- **be able to define reaction rate**
- **be able to state four factors that affect reaction rates and describe how they affect reaction rates**