Science 10

Monday, March 26/18

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Redo Request Forms for SA Chem #1

1. FA - Balancing Chemical Equations - Tomorrow
2. Check
   Worksheet: Formation and Decomposition Reactions
3. Single Replacement Reactions - General Format and Examples
4. Worksheet: Single and Double Replacement Reactions

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5. Double Replacement Reactions - General Format and Examples
5. Worksheet: Single and Double Replacement Reactions
6. Combustion Reactions
7. Worksheet: Combustion Reactions
8. Identifying Reactions Types
9. Worksheet: Identifying Reaction Types
10. SA Chem #2 - Topics
    - Date to be Determined

Physics 112

Monday, March 26/18

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Redo Request Forms - Redo: Today After School

1. FA - Formative Assessment - Uniformly Accelerated Motion (K3.11)

2. Return FA - Uniformly Accelerated Motion (K3.8)
   Uniformly Accelerated Motion (K3.9)
   Uniformly Accelerated Motion (K3.10) - Justifications

3. Check
   Worksheet - Motion Problems #10-18

4. Freely Falling Bodies - Example

5. Worksheet - Objects in Free Fall
   Worksheet - Extra Uniformly Accelerated Problems

6. SA: U1-S3 - Topics
   - Thursday, March 29/18

Formative Assessment - Uniformly Accelerated Motion (K3.11)

What is the shortest distance needed for an airplane touching the runway with a velocity of 360 km/h [N] and an acceleration of magnitude 10 m/s^2 to come to rest?

Physics 122

Monday, March 26/18

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1. Return -> FA - Relative Velocity Problems (DE3.2 and DE3.3)

2. Questions?
   Worksheet: Momentum - Collisions in 1D (Odd #'s)

3. Types of Collisions: Elastic and Inelastic

4. Worksheet - Elastic and Inelastic Collisions

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5. 2D Collisions and Explosions

6. Worksheet - 2D Collisions and Explosions

Science 122

Monday, March 26/18

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1. Check:
   Worksheet - Archimedes' Principle
   Worksheet - More Hydrostatic Fluid Problems

2. Summary: Hydrostatic Problems

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3. Hydrodynamics - Fluids in Motion

4. Basic Types of Fluid Flow

5. Streamlines

6. Mass Flow Rates and Equation of Continuity