

## Science 9

Tuesday, September 10/19

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### Media Coverage Forms

**Grade Meetings - Start with 10's at 9:00 am**

**Bus Evacuation - Sept 12 - P2**

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1. Foldable - Scientific Method
  2. Foldable - Experimental Design (To Be Continued)
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3. Redi's Experiment on Spontaneous Generation
  4. Experiment's of Others on Spontaneous Generation
  5. Unit 1 - Space Exploration
  6. Solar System, Galaxy, Universe: What's the Difference?
  7. **312-3 -> Describe theories on the origin and evolution of the universe (Big Bang Theory and Oscillating Theory).**
  8. Theories of the Origin of the Universe
    - Big Bang Theory
      - Video - How the Universe Works - Big Bang Theory
    - The Oscillating Theory
    - The Big Bounce Theory
  9. **312-2 -> Describe and classify the major components of the universe: nebulae, galaxies, giant stars, dwarf stars, quasars and black holes.**

# Physics 112

Tuesday, September 10/19

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## Bus Evacuation - Sept 12 - P2

1. **Assignment - Alphabetical Autobiography**
    - Reasons for Choices
    - Due: Friday, Sept. 13/19
  2. Return and Review:
    - FA - Physics to Scientific Notation
  3. Percent Error (Continue)
  4. **Worksheet - Percent Error Practice Problems**
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5. SI Prefixes
  6. Metric Conversions
  7. Rearranging Equations
  8. Worksheet - Conversions and Rearranging Equations
  9. Summative Assessment - Thursday/Friday

# Physics 122

Tuesday, September 10/19

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1. FA - Perpendicular Components (FP1.1)  
-> LC due by Tuesday, Sept. 10/19
  2. Return  
FA - Calculating  $\mathbf{R}$  Using Perpendicular Components (FP1.2)  
-> LC due by Wednesday, Sept. 11/19
  3. Questions?  
Worksheet - Resolving Vectors and Vector Addition  
- Mandatory Section
  4. FP1.3 & FP1.4 - Solve Type I force problems (push/pull problems)
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5. Push/Pull Examples
  6. Worksheet - 2D Force and Static Torque Problems  
-> Push/Pull Problems

## Science 10

Tuesday, September 10/19

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## Seating Plan

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1. **Assignment - Autobiographical Poem**  
**Due - Friday, Sept. 6/19**  
**1 Day Late**
  2. Handout - Atoms and Their Structure
  3. Elements and Their Chemical Symbols
  4. Handout - Wondering How Elements are Named?
  5. The Periodic Table of Elements (Intro)
  6. Handout - Periodic Table of the Elements (Nova)
  7. Handout - Find the Hidden Element
  8. Handout - Chemical Symbol Scramble
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9. Handout - Chemical Periods and Groups/Families
  10. Handout - Metals, Nonmetals and Metalloids
  11. Characteristics of Metals and Nonmetals