

## Science 9

Monday, October 21/19

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### Progress Reports

1. The following will be returned at the end of the week so those who need to still write can complete them.
    - > Summative Assessment: Calculating Speed, Distance and Time
    - > In-Class Summative Assessment -> The Universe
  2. Origin of the Solar System
  3. What is a Planet?
  4. Terrestrial Planets vs Gas Planets/Giants
  5. Revolution
    - > Orbits
    - > Circle Exercise - Finish at Home
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6. Two Models of Planetary Motion

# Physics 112

Monday, October 21/19

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## Progress Reports

### 1. Return

FA - Kinematic Problems (5)

- Solutions were due Friday, October 18/19.

### 2. Questions?

Worksheet: U1 S3 -> Mathematical Analysis

### 3. SA - U1 S3 -> Mathematical Analysis

-> SA: U1- S3 -> Topics (See Next Page)

-> Date - October 24/19

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### 4. Unit 2 - Dynamics

## SA: U1- S3 -> Topics

1. types of motion - uniform motion and uniformly accelerated motion
2. use the relationship between the directions of velocity and acceleration to determine the motion of an object
3. word problems - solve using checklist to obtain full value
  - uniform motion - 1 formula
  - uniformly accelerated motion - 4 formulas
  - quadratic formula
4. acceleration due to gravity - symbol ->  $\vec{g}$ 
  - assume  $\vec{g} = -9.80 \text{ m/s}^2$  on Earth if no location is specified
5. freely falling bodies - assume no air resistance when working with freely falling bodies

Format: Problems Only  
(Max. 6)



## Physics 122

Monday, October 21/19

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### Progress Reports

1. Worksheets - Relative Velocity Problems  
- Target Date for Mandatory Prob. -> Friday, Oct. 18/19
  2. FA - Relative Velocity (RV3.1)  
FA - Relative Velocity (RV3.2)  
FA - Relative Velocity (RV3.3)
  3. U2-S2: Collisions
  4. Momentum Revisited
  5. Conservation of Momentum
  6. 1D Collisions/Explosions - Examples -> To Be Continued
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7. Types of Collisions

## Science 10

Monday, October 21/19

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### Progress Reports

1. Check

Worksheet: Single and Double Replacement Reactions

Worksheet: Combustion Reactions

Worksheet: Identifying Types of Reactions

2. FA - Identifying Types of Reactions

3. Translating Sentences to Balanced Chemical Equations

4. [Worksheet: Translations](#)

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5. Predicting Products