


## Science 9

Wednesday, October 23/19

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### **Ceremony - Award of Academic Excellence**

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. Complete for Tomorrow: Circle Exercise
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3. Two Models of Planetary Motion
  4. Revolution of Earth Around the Sun
  5. Rotation
  6. The Seasons
  7. Handouts - Planets

## Physics 112

Wednesday, October 23/19

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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

4. Unit 2 - Dynamics

5. Section 1 - Types of Forces and FBDs

6. Force/Net Force

7. Types of Forces

8. Five Specific Forces

## 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

Wednesday, October 23/19

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1. Task Sheet -> Mandatory Relative Velocity Problems

2. FA - Relative Velocity (RV3.1)  
FA - Relative Velocity (RV3.2)  
FA - Relative Velocity (RV3.3) } Due - October 24/19

3. Types of Collisions

4. Worksheet

## Science 10

Wednesday, October 23/19

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1. Return:  
FA - Identifying Types of Reaction

2. Check:  
Worksheet: Translations  
Worksheet: Predictions

\*FAs - Translations and Predictions

3. Solutes, Solvents and Solutions

4. Acids and Bases

5. Naming Acids

6. Naming Bases

7. Worksheet - Acids and Bases

8. Neutralization Reactions

9. Reaction Rates