

Science 9

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Tuesday, November 12/19 -> Wednesday, Nov. 13/19

1. Projects - Topics
- Computer Lab Booked: Tuesday, Nov. 19
 2. In-Class SA -> The Solar System
-> Submit for Marking by Thursday, Nov. 14
 3. Two Optional Crossword Puzzles - The Universe
The Solar System
 4. SA - Exploring Space: The Universe and The Solar System
-> Date - Monday, Nov. 18
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Physics 112

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Tuesday, November 12/19 -> Wednesday, Nov. 13/19

1. Questions?

Worksheet: U2-S2 -> First Law of Motion
 Second Law of Motion
 Mandatory Problems

2. Third Law of Motion

3. FA - Second Law Problems (Type I, II, III and Combo (II and III))

4. SA - U2: S1&2 -> Date: Monday, Nov. 18/19

5. Review for SA - U2: S1&2

Second Law: ACCELERATION!

Type I	Type II	Type III
$\vec{F}_{\text{net}} = m\vec{a}$	$\vec{F}_{\text{net}} = m\vec{a}$	$\vec{F}_{\text{net}} = m\vec{a}$
$\vec{a} = \frac{\vec{F}_{\text{net}}}{m}$	+ Kinematic eq. v_i, v_f, d, t	+ individual forces (if forces) \vec{F}_{net} +

Physics 122

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Tuesday, November 12/19 -> Wednesday, Nov. 13/19

1. SA - Relative Velocity and Collisions/Explosions
Redo -> Tuesday, Nov. 12/19
 2. Worksheet - Uniform Circular Motion
Worksheet - Banked and Unbanked Curves
 3. Experiment 8.1 - Kepler's Laws - Page 49 -> Wednesday, Nov. 13/19
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4. Backup Notes: Kepler's Three Laws of Planetary Motion
 5. Worksheet - Kepler's Laws
 6. Universal Law of Gravitation

Science 10

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Tuesday, November 12/19 -> Wednesday, Nov. 13/19

1. Return: SA - Chemistry #3
 2. FA - Identifying and Counting Digits - Tomorrow
 3. Certainty Rule for Multiplying and Dividing Measurements
-> Continue
 4. Precision Rule for Adding and Subtracting Measurements
 5. [Worksheet – Certainty and Precision Rules](#)
 6. Handout - Defining Equations
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7. Rearranging Equations
 8. Worksheets - Rearranging Equations
 9. Metric Conversions
 10. Worksheets - Metric Conversions