

Physics 112

Wednesday, June 1/16

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1. Assignment -> Investigation 6-A Force and Spring Extension
-> Optional
-> **4 Days Late**
 2. Return -> Assignment: U3 - S2 and S3
 3. Questions re Conservation of Energy?
 4. Test - Unit 3 -> Friday

5. Unit 4 - Waves

Science 122

Wednesday, June 1/16

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1. Final Exam - Topics
 2. Check -> Worksheet #63 - HW
 3. Generalizations: Oxidizing and Reducing Agents
 4. Five Steps to Predicting the Spontaneity of Redox Reactions
 5. [Worksheet #64 - HW](#)
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6. Oxidation Numbers/States
 7. Rules for Assigning Oxidation Numbers

Science 10

Wednesday, June 1/16

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Roller Coasters - Deadline: Thursday, May 26/16

1. Bioaccumulation and Biomagnification
 2. Sustainability
 3. Article - Risks Feared in Bioengineered Insects
- **Pass in for Marking Friday, June 3/16**
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4. Types of Substances
5. Cycling of Organic Matter
6. Biogeochemical Cycles
7. Carbon Cycle
8. Nitrogen Cycle

Physics 122

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1. Quiz - Electrostatics -> Thursday
 2. Worksheet - Textbook: Page 719, C15 - PP #27-31 (Series Circuits)
 3. Parallel Circuits - To Be Continued
 4. Textbook: Page 724, C15 - PP#32-35 (Parallel Circuits)
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5. Complex Circuits
 6. Textbook: Page 728, PP #36-37
Textbook: Page 749, PFU #33-34

Unit 3

-> electrostatics

- structure of an atom
- electrical charges
- transfer of charge between identical objects
- charging objects
 - electrification by friction
 - conduction
 - induction
- electric force - Coulomb's Law
 - 2 charges
 - 3 charges
 - in a line
 - at angle(s)
- electric fields
 - diagrams
 - electric field strength
- electric potential energy
- electric potential difference