

Physics 112

Tuesday, May 31/16

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1. Assignment -> Investigation 6-A Force and Spring Extension
-> Optional
-> **3 Days Late**
 2. Assignment: U3 - S2 and S3
 3. Worksheet - Extra Practice - Conservation of Energy
 4. Test - Unit 3 -> Friday
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Science 122

Tuesday, May 31/16

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1. Return Marks -> Test - Nuclear Physics
 2. Final Exam - Topics
 3. Redox Spontaneity Rule
 4. Building Redox Tables
 5. [Worksheet #63 - HW](#)
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6. Generalizations: Oxidizing and Reducing Agents
 7. Five Steps to Predicting the Spontaneity of Redox Reactions
 8. Worksheet #64

Science 10

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Roller Coasters - Deadline: Thursday, May 26/16

1. Assignment - Oh What a Tangled Web We Weave
- 5 Days Late
 2. Biodiversity
 3. Change and Stability in Ecosystems
 4. DDT And Cats in Borneo
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5. Bioaccumulation and Biomagnification
 6. Sustainability
 7. Article - Risks Feared in Bioengineered Insects
 7. Types of Substances
 8. Cycling of Organic Matter
 9. Biogeochemical Cycles

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1. Quiz - Electrostatics -> Thursday
 2. Check -> Worksheet - Textbook: Page 719, PP #27-31
 3. Parallel Circuits - To Be Continued
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4. Textbook: Page 724, C15 - PP#32-35
 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